

Nobel Prize Physics 1922 (For His Services in The Investigation of The Structure of Atoms And of The Radiation Emanating From Them'') and 1945 (Pauli's Exclusive Principle) on Illusions . Bohr's Theory Could Explain Why Atoms Emitted Light in Fixed Wavelengths Is Myth. It is Divine Mechanics That Designs Spectrum (Signature Atomic or Molecular) And Radiations of Different Wave Length.

V M Das

Advanced Sciences, University Of God, Das nursing Home, Fatehgarh, Farrukhabad , U.P. , India

Abstract: In 1913, Niels Bohr proposed a theory for the hydrogen atom based on quantum theory that energy is transferred only in certain well defined quantities. Electrons should move around the nucleus but only in prescribed orbits. When jumping from one orbit to another with lower energy, a light quantum is emitted. Bohr's theory could explain why atoms emitted light in fixed wavelengths [1] is not only a myth rather when Hydrogen atom is excited, the electron moves from ground state to excited state energy levels making a bigger circular orbit and having reached in this new energy levels, it also emits radiations. Hence absorption and emission of energy quanta occur simultaneously and it is divine mechanics that triggers and controls emitted light of fixed wave length. Shifting of electrons is understood in inter orbital shift phenomenon. The inner configuration of electrons also varies as it does not follow PAULI EXCLUSIVE PRINCIPLE (A maximum of 2 electrons can be placed in each orbit → Pauli Exclusion Principle) rather they follow thought (unconditioned thought expressions) principle that too of highest center of the universe.

Keywords: Mind and Mass, Atomic transcription and translation, Divine MONB (modified Niel's Bohr), First I.P., energized gravitons,

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I. Introduction

1.1 The Bohr's Theory [1]

The discoveries of the electron and radioactivity at the end of the 19th century led to different models for the structure of the atom. In 1913, Niels Bohr proposed a theory for the hydrogen atom based on quantum theory that energy is transferred only in certain well defined quantities. Electrons should move around the nucleus but only in prescribed orbits. When jumping from one orbit to another with lower energy, a light quantum is emitted. Bohr's theory could explain why atoms emitted light in fixed wavelengths.

Prize motivation: "for his services in the investigation of the structure of atoms and of the radiation emanating from them"

Neil Bhore Award Ceremony Speech

Presentation Speech by Professor **S.A. Arrhenius**, Chairman of the Nobel Committee for Physics of the **Royal Swedish Academy of Sciences**, on December 10, 1922

Your Majesty, Your Royal Highnesses, Ladies and Gentlemen.

Ever since Kirchhoff and Bunsen (1860) introduced spectral analysis, that extremely important aid to investigation has produced the finest results. To begin with, material was collected and spectra were investigated not only from terrestrial objects but also from the heavenly bodies. There was a splendid harvest. Then came the second stage of research. Attempts were made to find regularities in the structure of the spectra. To begin with, it was natural to try to compare the different spectral lines which are emitted by a glowing gas with the different notes that could be produced by a vibrating solid. The vibrating bodies in a glowing gas would in that case be its atoms and molecules. But little progress could be made on this track. It was necessary to fall back on another method, namely to try by calculation to establish the connection between the various vibrations which could be emitted by a gas. Hydrogen ought to be the simplest of all gases. The Swiss Balmer in 1885 found a simple formula for the connection mentioned between the lines of hydrogen as then known. There followed a large number of investigators, such as Kayser and Runge, Ritz, Deslandres, and especially our compatriot Rydberg, who sought for similar regularities in the spectra of the other chemical elements. Rydberg succeeded in representing their light vibrations by means of formulae which exhibited a certain resemblance to Balmer's

formula. These formulae contain a constant which has afterwards acquired extremely great importance and has been recorded amongst the universal and fundamental values of physics under the name of the Rydberg constant. Now, if it were possible to obtain an idea of the structure of the atom, of course, that would form a good starting-point to create a conception of the possible light vibrations that can be emitted by an atom of hydrogen. Rutherford, who has to such an extraordinary degree wrung their secrets from the atoms, had constructed such "atom models". According to his conception, the atom of hydrogen should consist of a positive nucleus, with a unit charge, of extremely small dimensions, and about this a negatively charged electron should describe an orbit. As probably only electric forces are at work between the nucleus and the electron, and as these electric forces follow the same law as the attraction of gravity between two masses, the path of the electron ought to be elliptical or circular, and the nucleus to be situated either in one of the foci of the ellipse or in the centre of the circle. The nucleus would be comparable to the sun and the electron to a planet. In accordance with the classical theory of Maxwell, therefore, these orbit movements should emit rays and consequently cause a loss of energy, and the electron would describe smaller and smaller tracks with a declining period of revolution and finally rush in towards the positive nucleus. Thus the track would be a spiral, and the rays of light emitted, which will require a steadily declining period of vibration, would correspond to a continuous spectrum, which, of course, is characteristic of a glowing solid or liquid body, but not at all of a glowing gas. Consequently, either the atom model must be false, or else the classical theory of Maxwell must be incorrect in this case. Ten years or so previously there would have been no hesitation in the choice between these alternatives, but the atom model would have been declared to be inapplicable. But in 1913, when Bohr began to work at this problem, the great physicist **Planck** of Berlin had traced his law of radiation, which could be explained only on the assumption, which was in conflict with all preceding notions, that the energy of heat is given off in the form of "quanta", that is to say small portions of heat, just as matter consists of small portions, i.e. the atoms. With the help of this assumption Planck succeeded, in complete accordance with experience, in calculating the distribution of energy in radiation from a hypothetically completely black body. Afterwards (in 1905 and 1907) **Einstein** had perfected the quantum theory and deduced therefrom several laws, such as the diminution of the specific heat of solid bodies with declining temperature and the photoelectric effect, for which discovery he has this day been awarded the Nobel Prize.

Accordingly, Bohr had no need to hesitate in his choice: he assumed that Maxwell's theory does not hold good in the present case, but that the atom model of Rutherford is correct. Thus the electrons do not emit light when they move in their tracks round the positive nucleus, tracks which we begin by assuming to be circular. The emission of light would take place when the electron jumps from one track to another. The quantity of energy which is thus radiated is a quantum. As, according to Planck, the quantum of energy is the product of the number of light vibrations with the Planckian constant, which is denoted by the letter h , it is possible to calculate the number of vibrations which corresponds to a given passing from one orbit to another. The regularity which Balmer found for the spectrum of hydrogen requires that the radii of the different orbits should be proportional to the squares of the whole numbers, that is to say as 1 to 4 to 9, and so on. And indeed Bohr succeeded, in his first treatise on this question, in calculating the Rydberg constant from other known magnitudes, namely the weight of an atom of hydrogen, the Planckian constant, and the value of the electric unit of charge. The difference between the value found by observation and the calculated value of the Rydberg constant amounted to only 1 percent; and this has been diminished by more recent measurements. This circumstance at once attracted the admiring attention of the scientific world to Bohr's work and made it possible to foresee that he would to a great extent solve the problem before him. Sommerfeld showed that what is known as the fine structure of the hydrogen lines, by which is meant that the lines observed with a strongly dispersing spectroscope are divided up into several closely adjacent lines, can be explained in accordance with Bohr's theory in the following way. The various stationary tracks for the movement of the electrons - if we leave out of account the innermost one, which is the ordinary one, and is called the "orbit of rest" - may be not only circular but also elliptical, with a major axis equal to the diameter of the corresponding circular orbit. When an electron passes from an elliptical orbit to another track, the change in the energy, and consequently the number of vibrations for the corresponding spectral lines, is somewhat different from what it is when it passes from the corresponding circular orbit to the other track. Consequently we get two different spectral lines, which nevertheless lie very close to one another. Yet we observe only a smaller number of lines than we should expect according to this view of things.

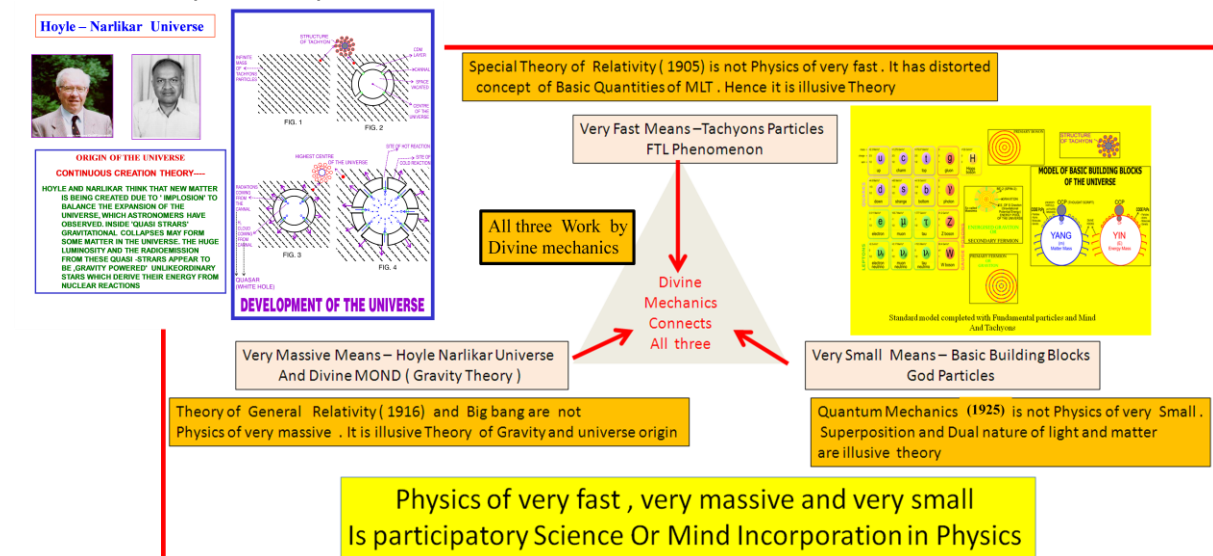
The difficulties thus revealed, however, Bohr succeeded in removing by the introduction of what is known as the principle of correspondence, which opened up entirely new prospects of great importance. This principle to some extent brings the new theory nearer to the old classical theory. According to this principle, a certain number of transitions are impossible. The principle in question is of great importance in the determination of the tracks of electrons which are possible within atoms that are heavier than the atom of hydrogen. The nuclear charge of the atom of helium is twice as great as that of the atom of hydrogen: in a neutral condition it is encircled by two electrons. It is the lightest atom next that of hydrogen. It occurs in two

different modifications: one is called parhelium, and is the more stable, and the other is called orthohelium - these were supposed at first to be two different substances. The principle of correspondence states that the two electrons in parhelium in their tracks of rest run along two circles, which form an angle of 60° to one another. In orthohelium, on the other hand, the tracks of the two electrons lie in the same plane, the one being circular, while the other is elliptical. The following element with an atomic weight which is next in magnitude to helium is lithium, with three electrons in a neutral state. According to the principle of correspondence, the tracks of the two innermost electrons lie in the same way as the tracks of the two electrons in parhelium, while the track of the third is elliptical and is of far greater dimensions than the inner tracks.

In a similar manner Bohr is able, with the help of the principle of correspondence, to establish, in the most important points, the situation of the various tracks of electrons in other atoms. It is on the positions of the outermost electron tracks that the chemical properties of the atoms depend, and it is on this ground that their chemical valency has partly been determined. We may entertain the best hopes of the future development of this great work.

Professor Bohr. You have carried to a successful solution the problems that have presented themselves to investigators of spectra. In doing so you have been compelled to make use of theoretical ideas which substantially diverge from those which are based on the classical doctrines of Maxwell. Your great success has shown that you have found the right roads to fundamental truths, and in so doing you have laid down principles which have led to the most splendid advances, and promise abundant fruit for the work of the future. May it be vouchsafed to you to cultivate for yet a long time to come, to the advantage of research, the wide field of work that you have opened up to Science.

What is New Physics or Physics of Mind?



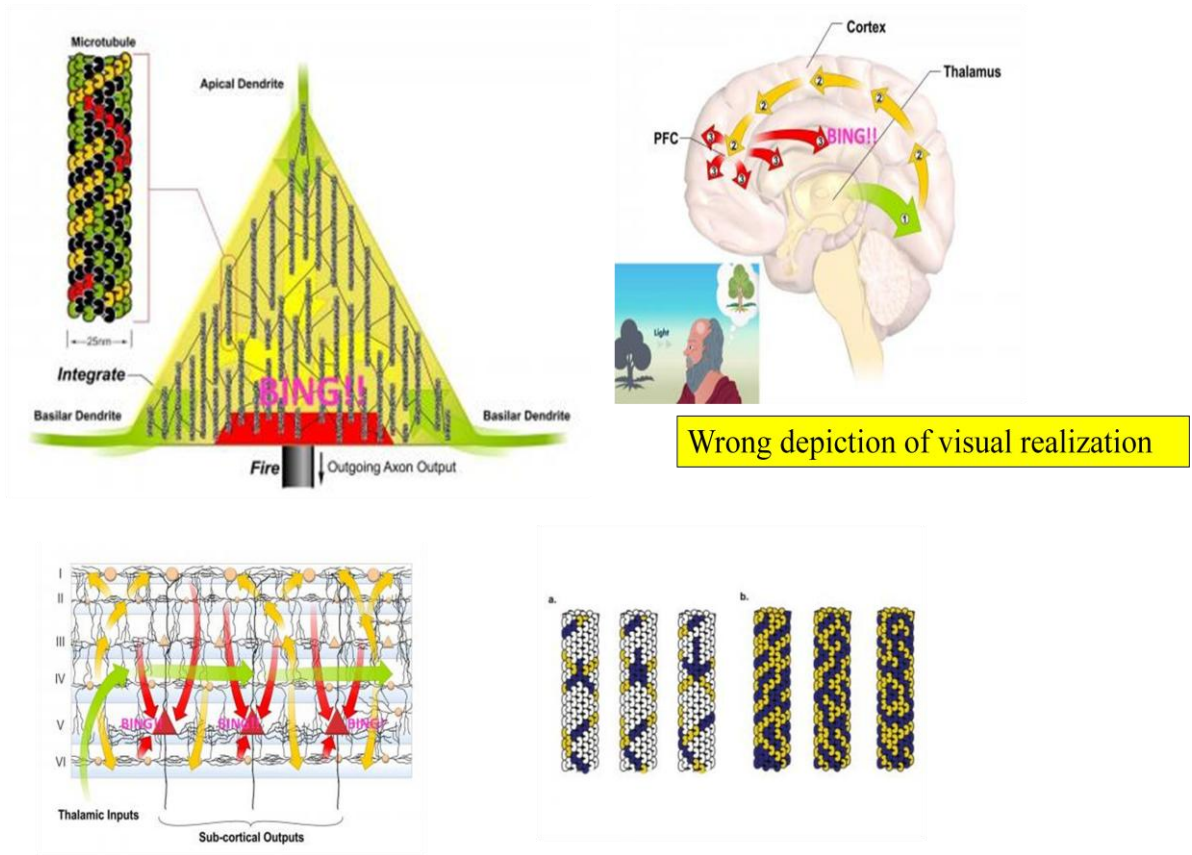
Physics of Mind

Quantum Consciousness – According to Physicists and Biologist



The nature of consciousness remains deeply mysterious and profoundly important, with existential, medical and spiritual implication. We know what it is like to *be* conscious – to have awareness, a conscious

'mind', but who, or what, are 'we' who know such things? How is the subjective nature of phenomenal experience – our 'inner life' - to be explained in scientific terms? What consciousness actually *is*, and how it comes about remain unknown. The general assumption in modern science and philosophy - the 'standard model' - is that consciousness emerges from complex computation among brain neurons, computation whose currency is seen as neuronal firings ('spikes') and synaptic transmissions, equated with binary 'bits' in digital computing. Consciousness is presumed to 'emerge' from complex neuronal computation, and to have arisen during biological evolution as an adaptation of living systems, extrinsic to the makeup of the universe. On the other hand, spiritual and contemplative traditions, and some scientists and philosophers consider consciousness to be intrinsic, 'woven into the fabric of the universe'. In these views, conscious precursors and Platonic forms preceded biology, existing all along in the fine scale structure of reality.



Wrong depiction of visual realization

My research involves a theory of consciousness which can bridge these two approaches, a theory developed over the past 20 years with eminent British physicist Sir Roger Penrose. Called 'orchestrated objective reduction' ('Orch OR'), it suggests consciousness arises from quantum vibrations in protein polymers called microtubules inside the brain's neurons, vibrations which interfere, 'collapse' and resonate across scale, control neuronal firings, generate consciousness, and connect ultimately to 'deeper order' ripples in spacetime geometry. Consciousness is more like music than computation.

Colleagues Travis Craddock and Jack Tuszyński and I also study how anesthetics act in microtubules to erase consciousness, and with Jay Sanguinetti, John JB Allen and Sterling Cooley, we are studying how transcranial ultrasound (TUS) can be used noninvasively to resonate brain microtubules and treat mental, cognitive and neurological disorders.

Many thanks to my assistant Abi Behar-Montefiore and Ed Xia for maintaining this website.

1.2 Mind and Mass Realities [2]

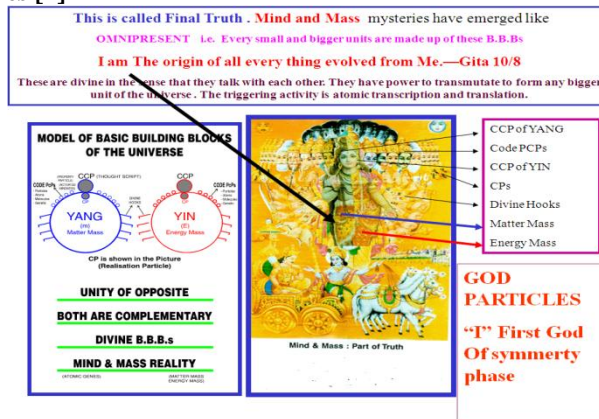


Fig. 1 Divine Mechanics Unit – CCP, CP and information s – Code PcPs with B-Bit – Mass

Atomic genetics is the branch of science where we investigate about fundamental interactions of the universe i.e. atomic transcription and translations . New words have been coined to understand hidden science of mind part of reality. Mind reality has been recognized as different faces by “I” about 5000 years back to Arjuna in Mahabharata.as shown in Fig 1. It is just like to understand any language through Alphabets. These are (different faces) Alphabets of mind reality. One Mind reality has one face identity and the second mind reality has second face identity and so on. The facial expression represents phenomenon of intelligence and different faces represent different types of properties carrying property. The open eyes means property is activated while close eye means property is inactivated. In spite of carrying properties consciousness they also know how to conduct not only origin of universe but also how to create two different universe i.e. next creation could be different from this creation . In all, it is automatic system of the universe . The mind realities which are of good properties have devtas face identity (first five faces on both side) and those mind realities which are of bad properties have demons face identity (last four faces on both side) . These are named as code PCPs or messenger atomic genes . The central face is CCP or Thought script where all thoughts of the universe are banked . It is bank of data of all information s of the universe It is face identity of Anti mind particles as data of all information’s of the universe are stored as anti mind particles . It is the Time mind ness (biological clock) that keeps on expressing different thoughts from this thought script (CCP) . There are four more faces (black bodies) shown on extreme left and right floating in fire are CPs (translating Atomic genes) . That translates the messages and realizes it and reacts accordingly.[2]

1.3. Messages From Biological world to understand B.B.B world as shown in Fig 2 [2]

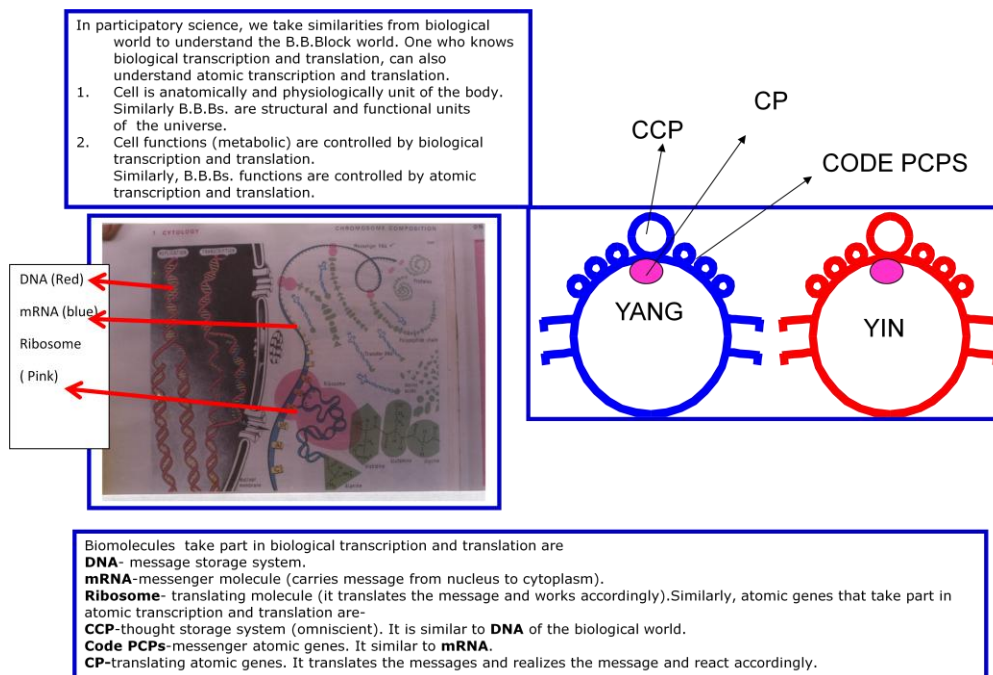
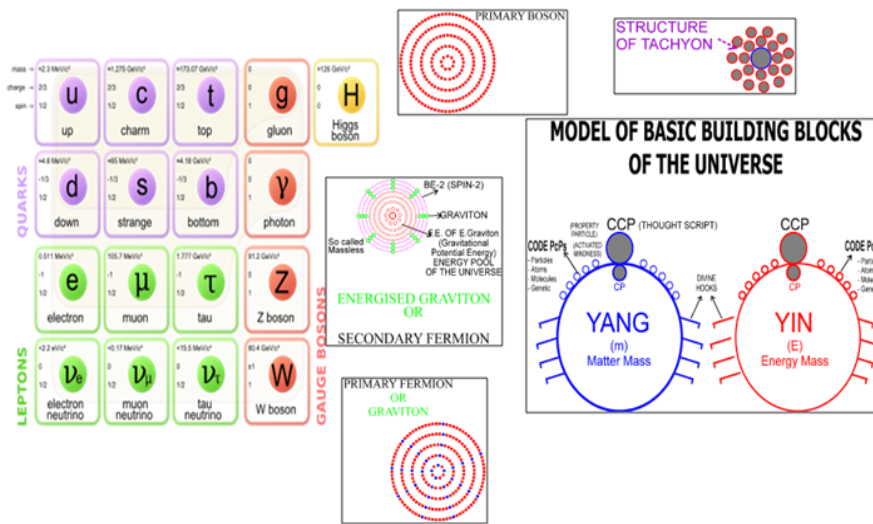


Fig. 2 Parallel teaching by participatory science

The standard model not only modified rather it has been completed [3] with introduction of energized gravitons , primary fermions, primary bosons , Basic Building Blocks , Mind and Tachyons as shown in Fig 3



Standard model completed with Fundamental particles and Mind And Tachyons

Fig. 3 standard Model chart [3]

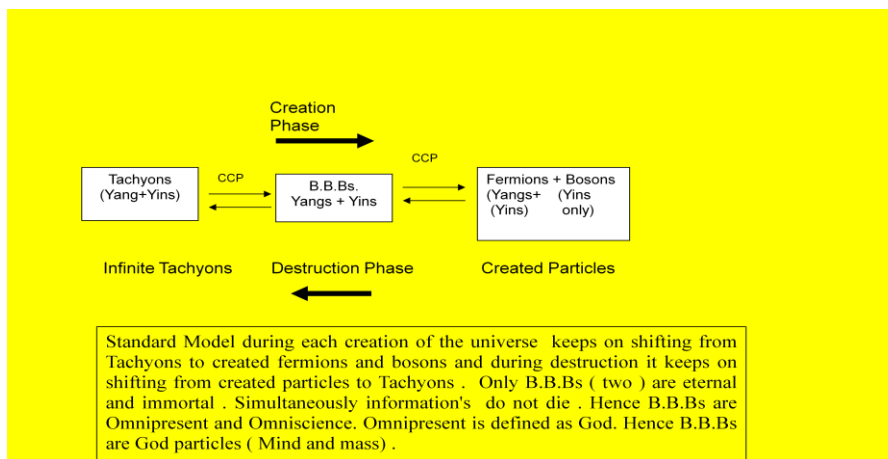


Fig .3.1 one creation and destruction cycle [4]

Participatory science has coined [5] some new words and there are some words which already exist in physics. - the definitions given in modern physics.

1.Mass -The part which gives shape to the smallest mass unit i.e. basics building blocks (B. B. Bs.) is called mass.

2.Matter :-Mixture of fermions and bosons or only bosons which are made up of mass (B.B.Bs) and that is why we realize their shape is called matter.

3.Inertial mass :-Mass (smallest mass units i.e. B. B. Bs) having inertial properties (classical inertia) either absolute rest or uniform motion in straight line is called inertial mass. Or Number of B. B. Bs. Per unit space present in bigger units is called inertial mass. Or Total matter contained by the bigger units or total number of fermions and bosons contained by the bigger units is called inertial mass. Therefore it never changes from place to place.

4. Gravitational mass :- The mass (interacting surfaces) which takes part in gravity (divine energized gravitons theory) interaction (which is due to mind) is called gravitational mass. When gravity interaction increases (number of divine energized gravitons increases) the interacting mass (interacting surface) also increases or when interacting mass (interacting surfaces) increases, gravity interaction (number of divine energized gravitons) also increases. Therefore gravitational mass (interacting mass or surfaces) changes from place to place. It is the fed mind that decides gravity interaction. We shall discuss it in gravity chapter and in atomic genetics.

5. **Pure m (matter) mass** :-matter mass (smallest mass unit or B.B.B) which have got inertial property of absolute rest.

6. **Energy mass**:-Energy mass (smallest energy mass unit B.B.B) which have got inertial property of uniform motion in straight line and which also gives shape to the bigger energy mass (Higgs Bosons etc) units.

7.m (impure matter) of $E=mc^2$:-Matter particles (fermions) which have got spin property are called impure matter particles.

1.4 Prayer message formation in brain.

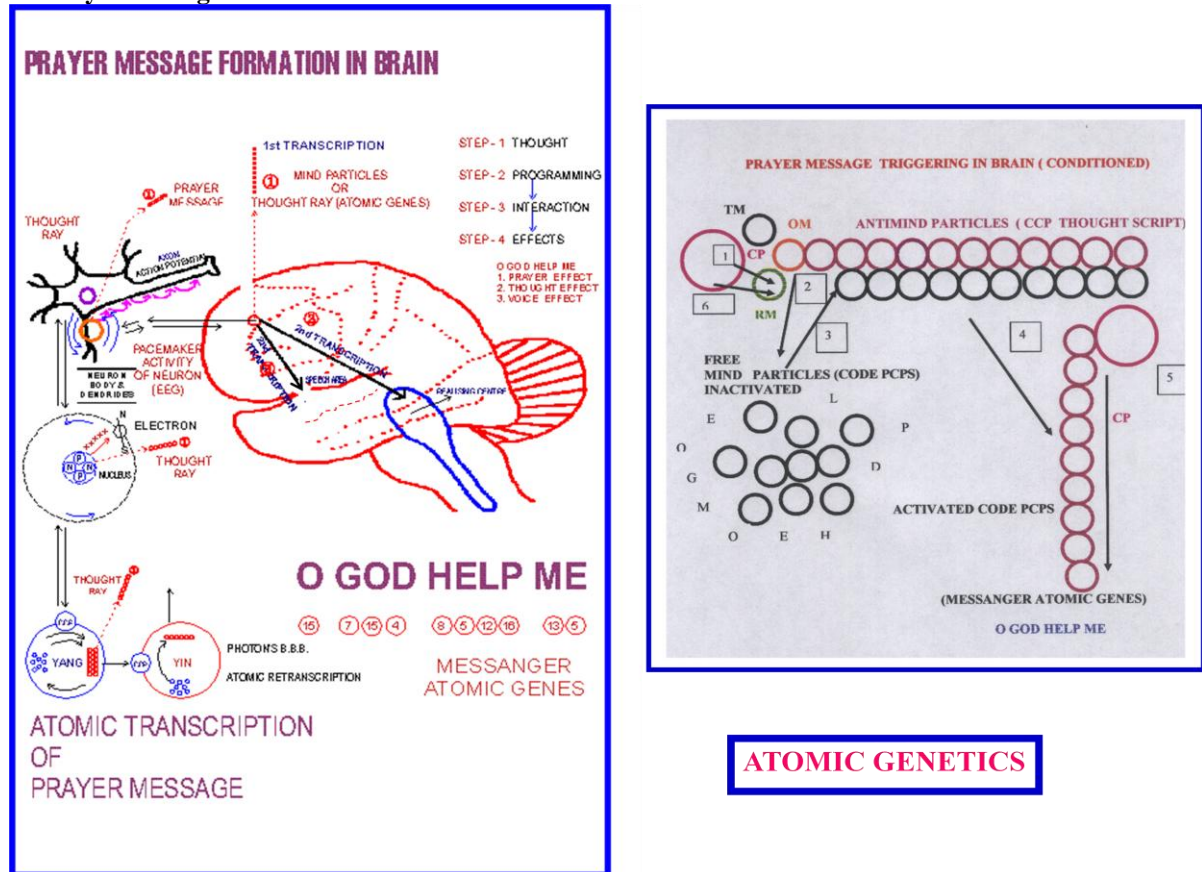


Fig 4 Divine Mechanics - Prayer message formation in brain

In atomic transcription and translation of prayer [5], following steps take place on Yang B.B.B – B-Bit as shown in Figure 4.

- 1) CP removes RM (repressor mindness-green) from OM (operating mindness -orange) thus induction of atomic transcription triggers.
- 2) OM triggers activation of free mind particles (black -inactivated code PCPs) of that thought script (magenta) of “o god help me ”.
- 3) Free mind particles (black -inactivated code PCPs) get attached to anti mind particles script (magenta one) to form messenger thought script of “o god help me ”.
- 4) Messenger atomic genes (black) get activated by anti mind particles thought script and further they get detached from anti mind particles thought script to form activated messenger atomic genes (activated code PCPs) (magenta) of “ o god help me ”
- 5) CP carries phenomenon of splicing by translating the messenger activated atomic genes (activated code PcPs) and finally there is activated message of “ o god help me” is formed .
- 6) CP represses atomic transcription by adding RM (green) to OM (orange) . Thus atomic transcription gets halt.

Having formed the message it comes out in three forms .

In atomic genetic engineering (prayer) we use our basic power i.e. power of B.B.Bs. Our B.B.B. (higher center) talks with highest center of the universe by sending the message by first transcription. Till today nobody knows how does the brain generate thoughts. I am going to tell you that mystery too. In the frontal lobe the neurons are responsible for thought generation. In the neuron there is electrical activity called pacemaker

activity which is occurring between dendrites and the body of the neuron. The membrane of the cell is made up of atoms and atom is made up of B.B.Bs. At the level of B.B.B. say thought of 'O GOD HELP ME' is expressed. As a result programmed messages of O GOD HELP ME (code PCPs) are formed. Out of three programmed messages, one is carried by atomic genes to highest center of the universe. It is called **THOUGHT RAY (Quantum entanglement)** which is made up of pure atomic genes and then the message goes through phenomenon called first transcription. They come out from brain directly. The other two messages are carried by photons from nucleus of atom to electrons. Here they are modulated on electrical activity of the cell called pacemaker activity. Further they are modulated on actions potentials going towards **REALIZING CENTER** situated in brain stem (RAS) and from RAS to speech area situated in the frontal area. Target B.B.Bs. of the realizing center finally realizes thought effect of O GOD HELP ME. While from speech area message goes to motor cortex again via RAS and from there to vocal cords and finally it comes out as a speech effect of O GOD HELP ME. In layman's terminology formation of the thought ray means PRAYER as shown in Fig 4

Where Does Prayer Message go ?

Prayer message goes as shown in Figure 5 to highest center of the universe via first transcription where it is realized and it is accepted, the highest center sends two messages to B.B.Bs working as higher center in cancer cell. These messages are message of inhibition of abnormal thought expression and message of activation of normal thought expression. Having received the messages, higher center stops expressing the abnormal thoughts and it starts expressing the normal thoughts. As a result, there are no more abnormal programmed messages and in place of that normal programmed messages are there. Now the messages have shifted from abnormal (5 and 6) to normal (2 and 3). This shifting of thought expression is called **ATOMIC GENETIC ENGINEERING** as shown in **Figure 4.1**

The changed messages reach to target B.B.Bs. through same route. Having received the changed messages, target B.B.Bs. stop expressing the previous programming and they start expressing the normal programming. As a result the cancer cells transmutate into normal cells. **Or diseased cell gets cured [6]** as shown in **Fig 4.1**

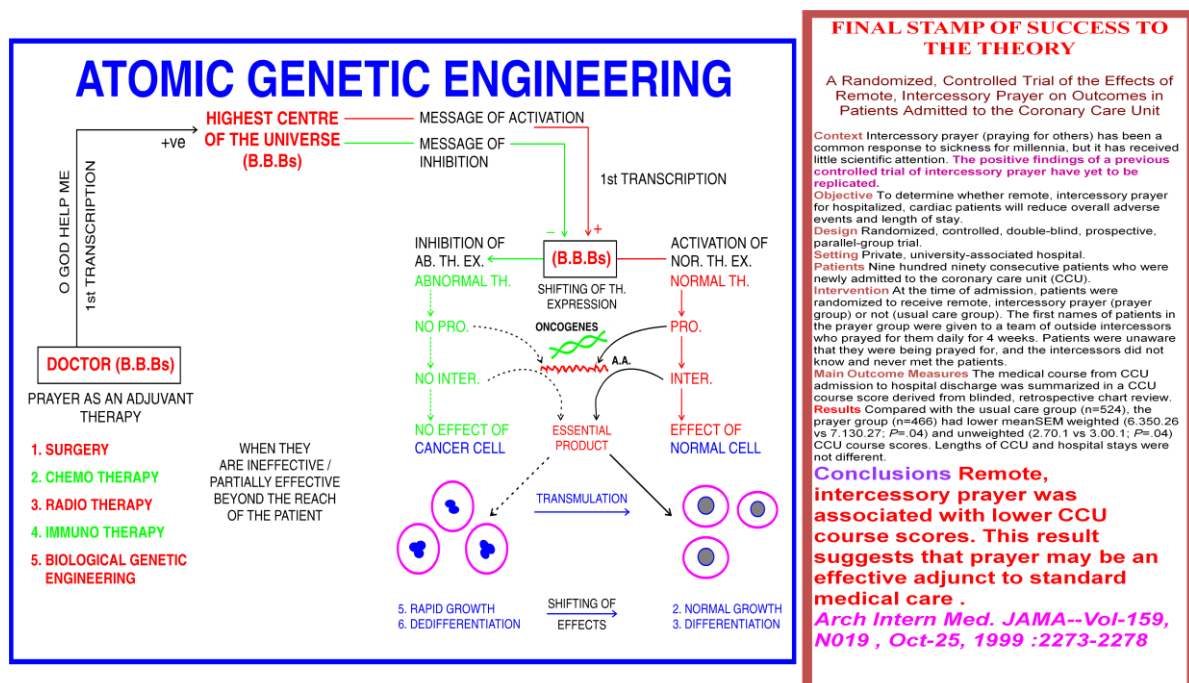


Fig . 4.1 A.G.E and Final stamp of success to New Theory[6]

1.5 Message system of the Universe

Before the origin of the universe [2] nature had only one type of message systems which is called **FIRST TRANSCRIPTION**. Messages (Code PcPs) used to go from one B.B.B. to another B.B.B. by atomic transcription. Messages were carried by atomic genes (Code PcPs) with very very high velocity. It is the fundamental message system.

After the origin of the universe, nature created atoms. It also created one more message system called **SECOND TRANSCRIPTION**. Here the message (code PcPs) are carried by photons from one atom to another atom with velocity of light. Thus atoms ,molecules, cells, and even individuals talk with one another

After the formation of the cell, nature created one more system called THIRD TRANSCRIPTION. Here there is a message storage system formed by DNA. There are messenger molecules called mRNA that carry message from DNA script to cytoplasm where the message (code PCPs) is read or translated by ribosome and they work accordingly. Thus the messages reach to enzymes and hormones and finally messages reach to target units. Having received the messages, target units work accordingly. Finally life effects (metabolic) are observed. These three types of message systems are working in the nature. These message system are being used by the nature according to nature's need, as shown in Fig 5

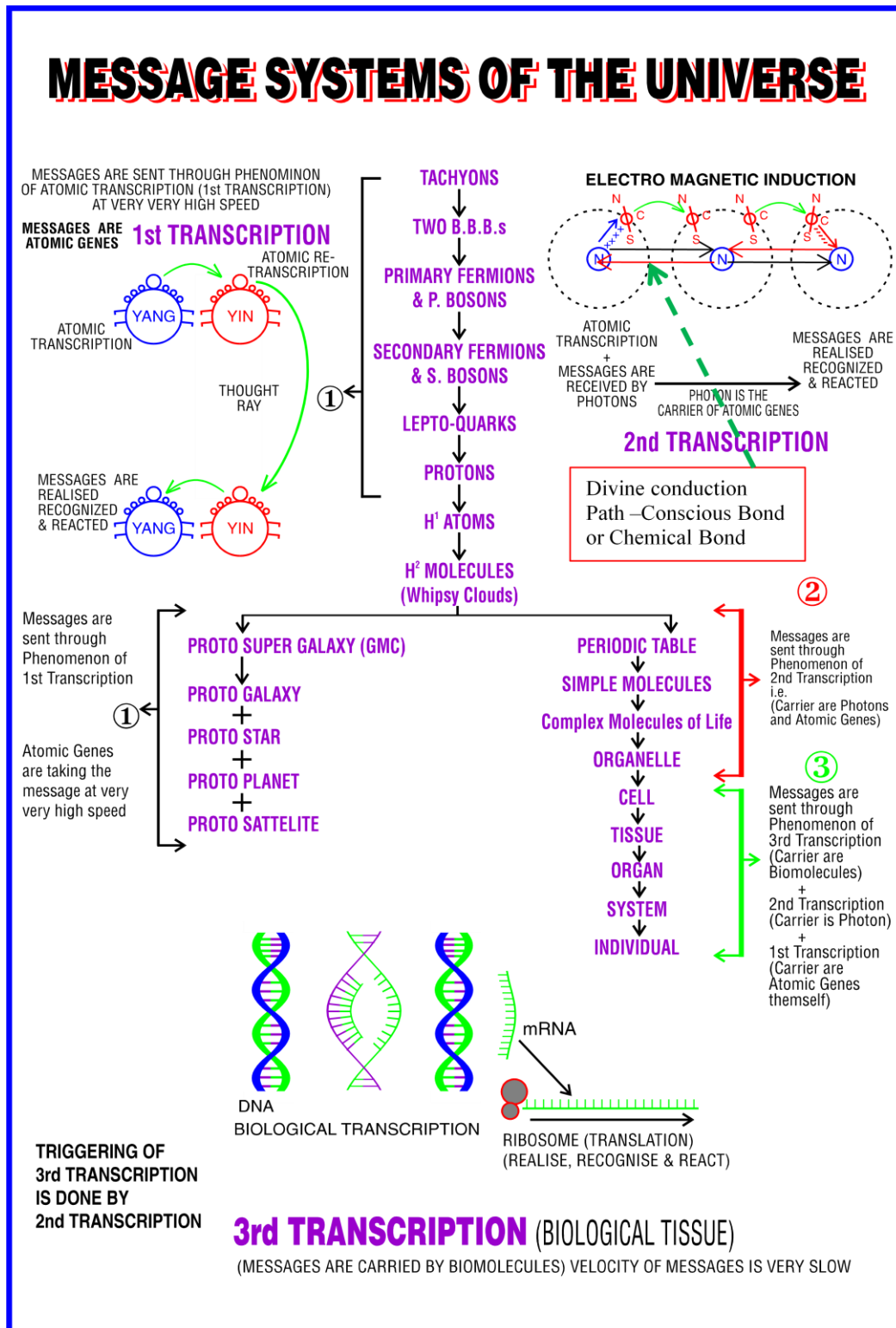


Fig. 5 Messages system of the universe

1.6 How does nature work & triggering of normal & abnormal effects

To understand creation physics as shown in Fig 6 and Fig 7. There are two types of thought stimulation [2]. One is **CONDITIONED THOUGHT STIMULATION** and other one is **UNCONDITIONED THOUGHT STIMULATION**.

STIMULATION OF THOUGHT EXPRESSION --- There are two types of thought expressions one is **CONDITIONED STIMULATION** of thought expression, and other one is **self stimulation of thoughts** i.e. **UNCONDITIONED STIMULATION** of thought expression.

At the time of the origin of the universe, all effects got created. The cause of all effects of the universe is **THOUGHT** expression. These thought expressions were triggered by **UNCONDITIONED OR SELF STIMULATED WAY**. It is the first step and it is followed by **PROGRAMMING** or formation of programmed messages by code **PCPs**. This programmed message moves from higher centers to target **B.B.Bs**. it is called **INTERACTION**. Having received the messages, the mind and mass of the target **B.B.Bs**. work in a synchronized way so as to produced the effects as thought by a the higher center. If the thought expression by higher center is normal, the shapes, properties and laws produced by target **B.B.Bs**. would be normal and if the thought expressions are abnormal, the shapes, properties and laws would be abnormal. This is the basic concept of transmutation phenomenon. Finally what we observe is called **EFFECT**.

Appearance of new shapes, properties and laws is called **TRANSMUTATION**. The first three steps are collectively called **CCP**. During transmutation process if **CCP** is written, it does mean that unless the thought, programming and interaction take place, nature cannot transmute. Transmutation phenomenon is seen in particles, atoms, molecules and even in cells. The basic steps of any transmutation remain the same except that the thought expressions differ.

The subatomic particle are made up of more fundamental particles called Basic Building Blocks (B.B.Bs) which are made up of mind and mass. These B.B.Bs are divine in nature with the result they talk with each other by phenomenon called atomic transcription and translation (thought expressions). The triggering of broken symmetry is caused by atomic transcriptions. Unless the atomic transcriptions occur, subatomic particles could never exhibit phenomenon of broken symmetry. So the broken symmetry is never spontaneous. It is being mis understood that sub atomic particles do have spontaneous activities as far as broken symmetry is concerned. Hence the Nobel prize physics 2008 awarded to this work is too early to give prize.

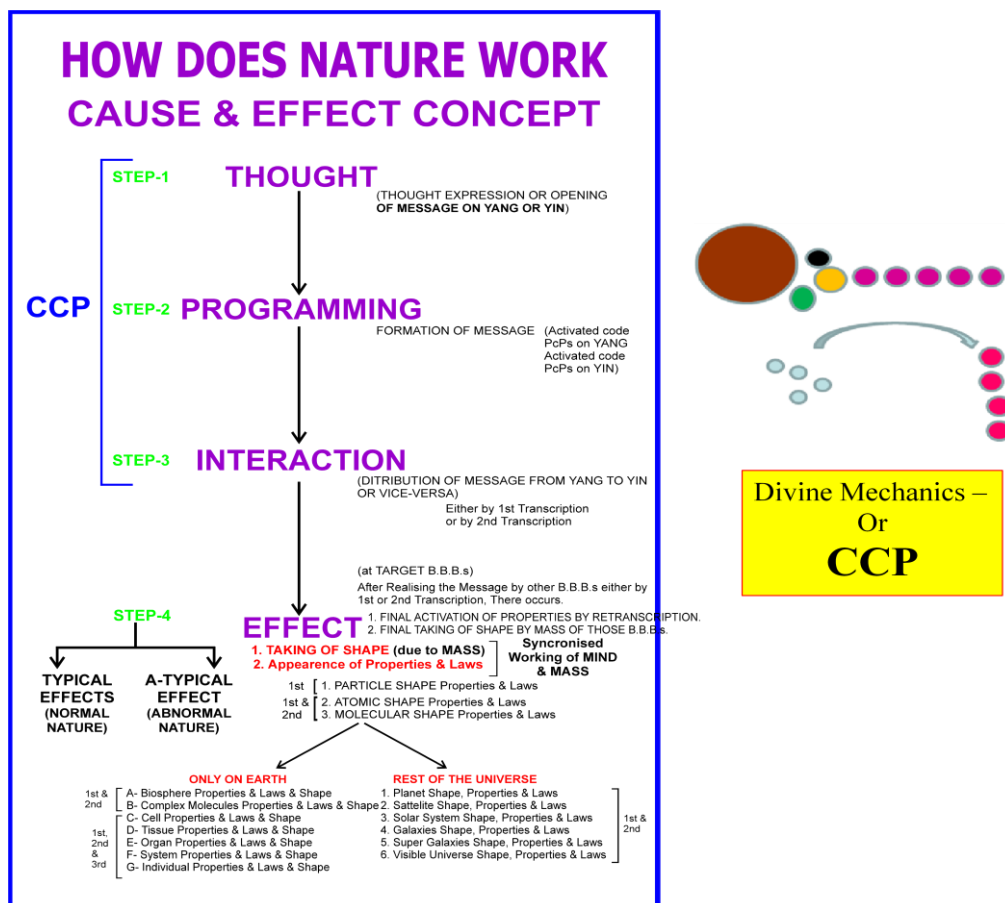


Fig. 6 Divine Mechanics – How Does Nature work ?

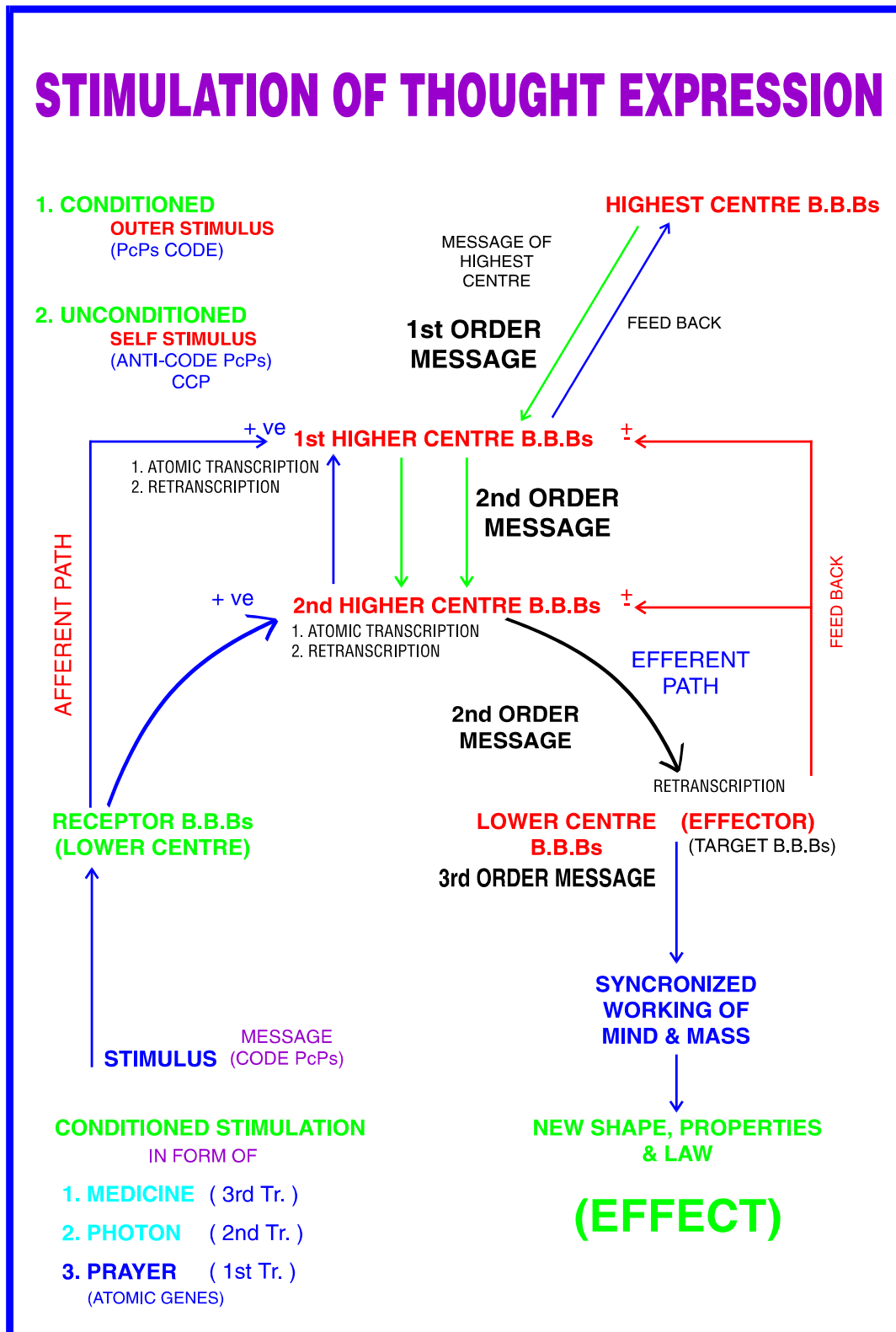


Fig. 7 Conditioned and Unconditioned thought expressions

1.7 Message network of the Universe (Feed Back Mechanism and different centers of the Universe)

With the origin of universe, nature first created primary units i.e. primary fermions (gravitation) and primary boson, these primary units are equipped with one higher center (one B.B.B.) and rest of the B.B.Bs. are working as lower centers or target B.B.Bs.[2] After primary units ,nature created secondary units i.e. secondary fermions and secondary bosons. similarly nature created tertiary units (lepto-quarks) and then quaternary units (protons& neutrons).

Each unit is equipped with higher centers, lower centers and target B.B.Bs. After quaternary units nature created atomic units, molecular units, complex molecules of life units, organelle units, cell units, tissue units, organ units, system units and individual units. Each unit is equipped with higher centers, lower centers, and target B.B.Bs. Similarly nature created satellite units, planet units, solar system units, galaxy units, super galaxy units, dark matter layer unit. These units are also equipped with higher centers, lower centers and target B.B.Bs. Thus our universe is divided into different units and each unit is equipped with higher and lower centers. All higher centers are under control of highest center of the universe by efferent paths. This efferent path is made up of first transcription. Higher centers can send messages to highest center of the universe by afferent path or feedback path. Thus highest center of the universe is well informed about all effects of the universe. Messages can come from lower centers to higher centers and from higher centers to highest center of the universe via afferent path. The highest center of the universe can send messages to higher centers and from higher center to lower centers. There is an inter unit message network also which is made up of first, second and third transcription depending upon the nature's need. Thus the entire universe is under control of highest center of the universe. Highest center can change any programming programmed by it during pre creation era as shown in Fig 8

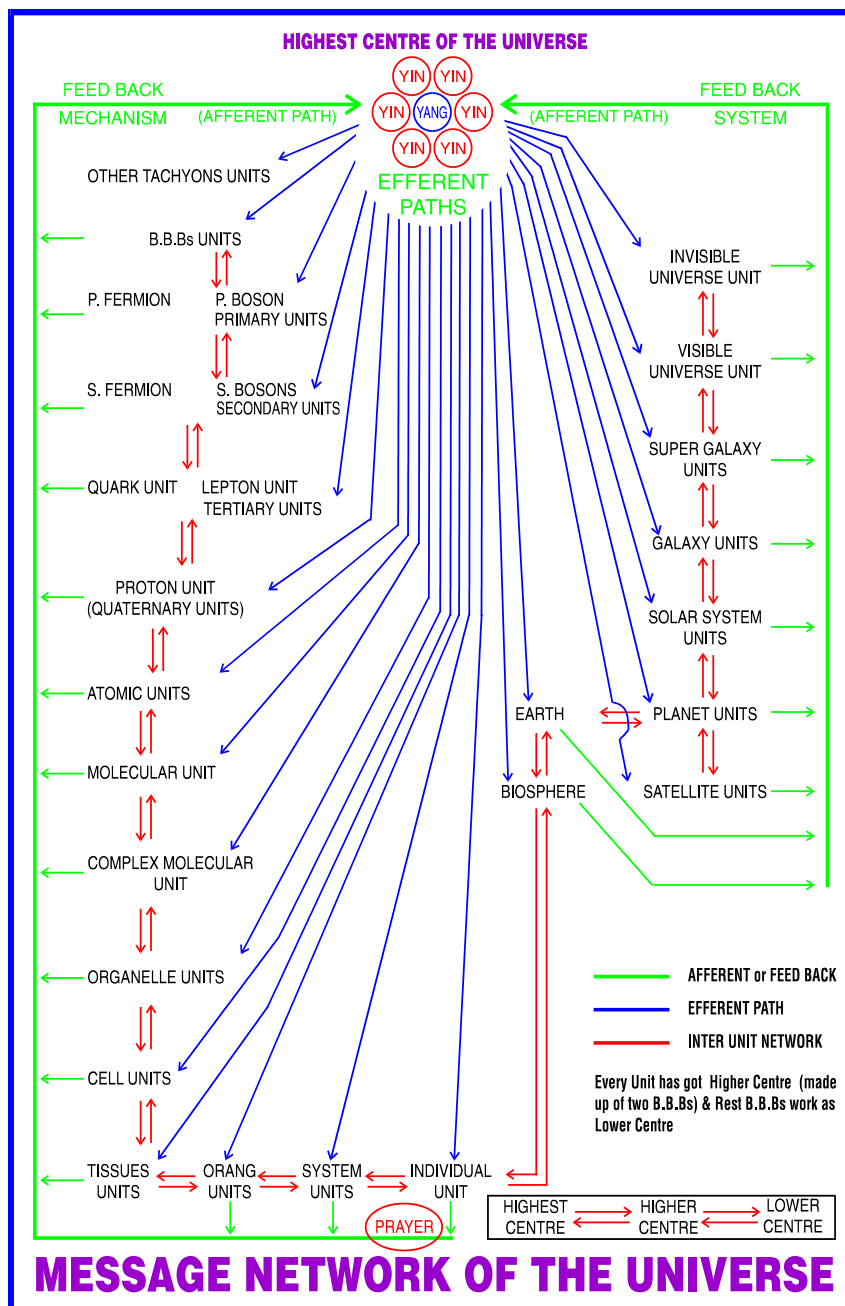


Fig. 8 Messages Net work of the Universe

1.8 Origin of the universe [7]

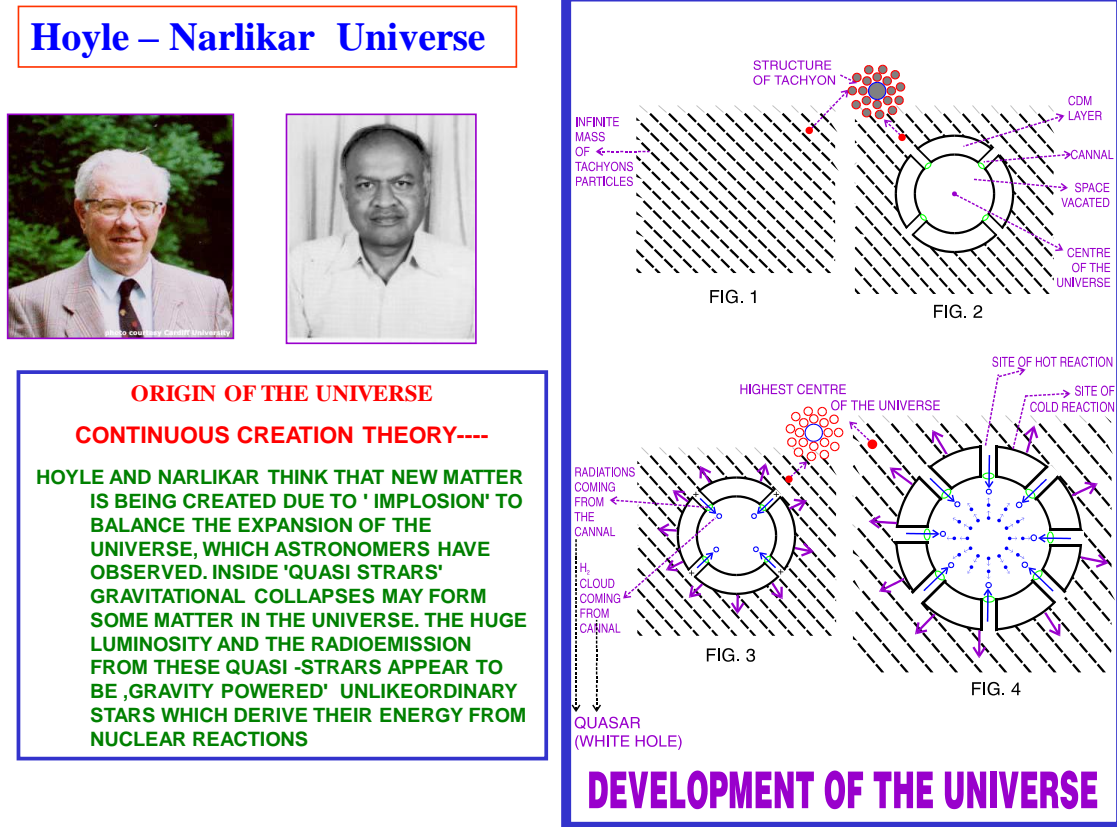


Fig. 9 Development of the Universe

Before the origin of the universe, these Basic Building Blocks (B.B.Bs) as shown in **Fig-3** were in the form of tachyons as shown in **Fig- 9** [7]. It means that at that time the tachyons were everywhere in the universe. Let us look at the structure of tachyons; it is made up of one matter B.B.B. (YANG) and many energy (YINs) B.B.Bs. Initially out of the infinite tachyons, one became the **highest center** of the universe. Messages used to go from highest center to rest of the universe and messages could come from rest of the universe to highest center of the universe by atomic transcription. Thus highest center had fed its thought to rest of the B.B.Bs. that would take part in creation - that they would express only those thoughts to give desired effect as wished by the highest center of the universe. So all B.B.Bs were informed about their role before creation of the universe. In pre-creation era programming of the future universe was done by highest center of the universe. Our universe is oscillating and it is a divine universe. It means that it has a creation phase and a destruction phase. During creation phase tachyons break into their B.B.Bs. and from these B.B.Bs, formation of fermions and bosons take place as shown in **Fig 3.1**. After the creation phase, destruction would start and in this phase all created particles would again break into their B.B.Bs and finally tachyons would form. At the time of origin of the universe, all the effects got created. These effects are taking of different shapes and appearance of properties and laws. All these effects are studied in various branches of science.

With the origin of the universe, nature first created a sphere of **COLD DARK MATTER (C.D.M)** and canals in it. With the result space got created. At the other end of the canals, hot reaction started (**the relics are back ground radiations 2.7 degree K of our hydrogen clouds**). As a result hydrogen clouds and lot of radiations were created. The empty canals were filled by these hydrogen clouds and radiations and thus **QUASARS** appeared in the universe. Simultaneously C.D.M. layer started expanding and clouds and radiations kept on coming in this closed universe as shown in **Fig 9** . With the passage of time more and more C.D.M. layer formed, more and more quasars formed. The hydrogen cloud came in this closed universe. They started running towards C.D.M. layer as they were attracted by the gravity of C.D.M. layer. Those clouds, which were nearer, moved faster than those, which were away from CDM Layer. The **HUBBLE LAW**, can thus be explained. With some more passage of time, clouds were joined to form **GMC** (giant molecular clouds). Later by self-gravitation different proto stars, proto planets, proto satellites were formed. Finally stars became bright and thus bright galaxies appeared in this universe. Our universe is still in expansion phase and creation is still

going inside quasars. It is to be remembered that highest center of the universe does not come in the visible universe. It keeps on receiving the messages by atomic transcription and it has power to change any programming programmed by it during pre-creation era.

It is the atomic genes which constitutes mind part of reality. Mind incorporation in physics is awaited as theory of every thing is not yet investigated . I have investigated theory of every thing (ToE) and I found that while studying unified theory at the time of origin of the universe by Hoyle Narlikar universe , it was mind reality that triggered symmetry breaking phase . It is mind reality that triggers oscillation phenomenon of the universe. It is the mind reality which is behind perfect cosmological principle . There is nothing like artificial intelligence in the universe . These mind particles constitute intelligence of the universe that controls the deterministic order of the universe. It is the mind reality behind all effects of the universe. But this is not our mind rather it is mind of Almighty B.B.B (Yang B.B.B or matter B.B.B. or Male B.B.B working as Highest center of the universe) . His mind could be manipulated by prayer only . as shown in figure 9.1 and 9.2

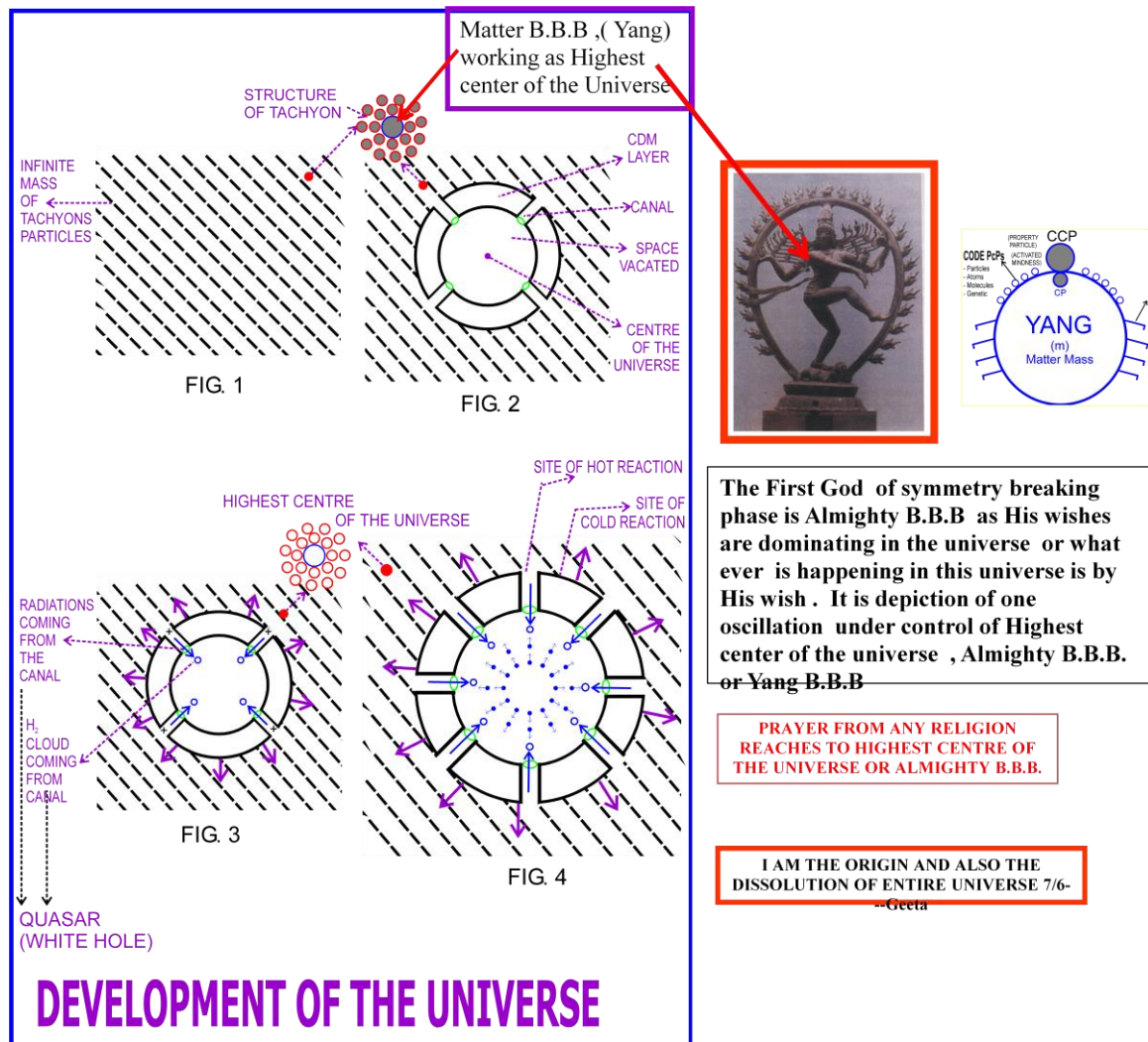


Figure 9.1 Hoyle Narlikar Universe

1.9 DM and DE i.e. energized gravitons and energy pool of the universe as shown in Fig 10 and Fig 11 [8]

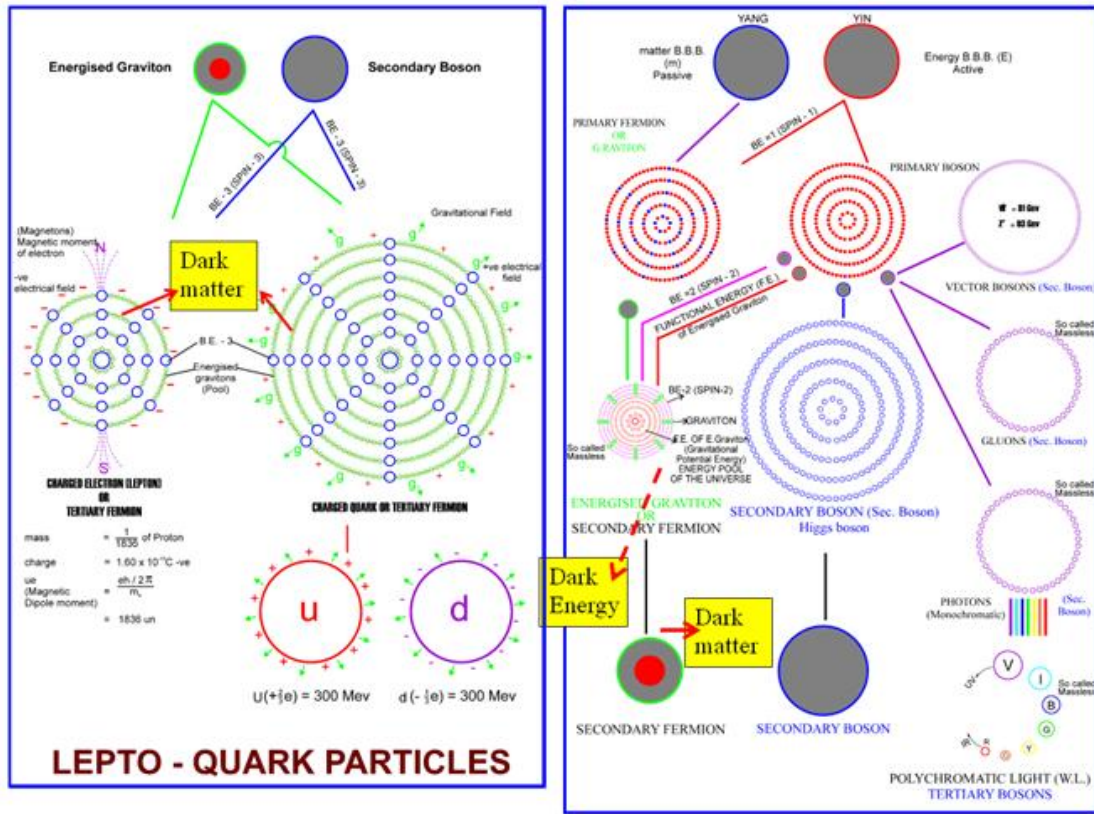


Fig. 10 Structural configuration of Leptons and Quarks as regard DM and structural configuration of DM and DE at micro level

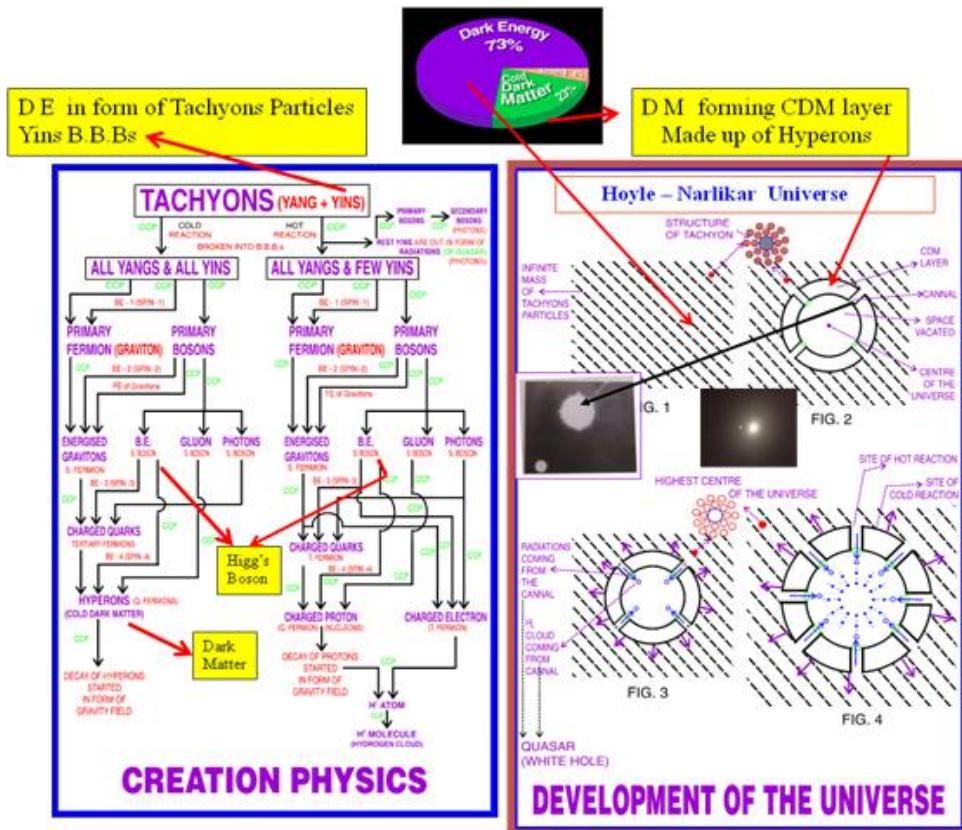
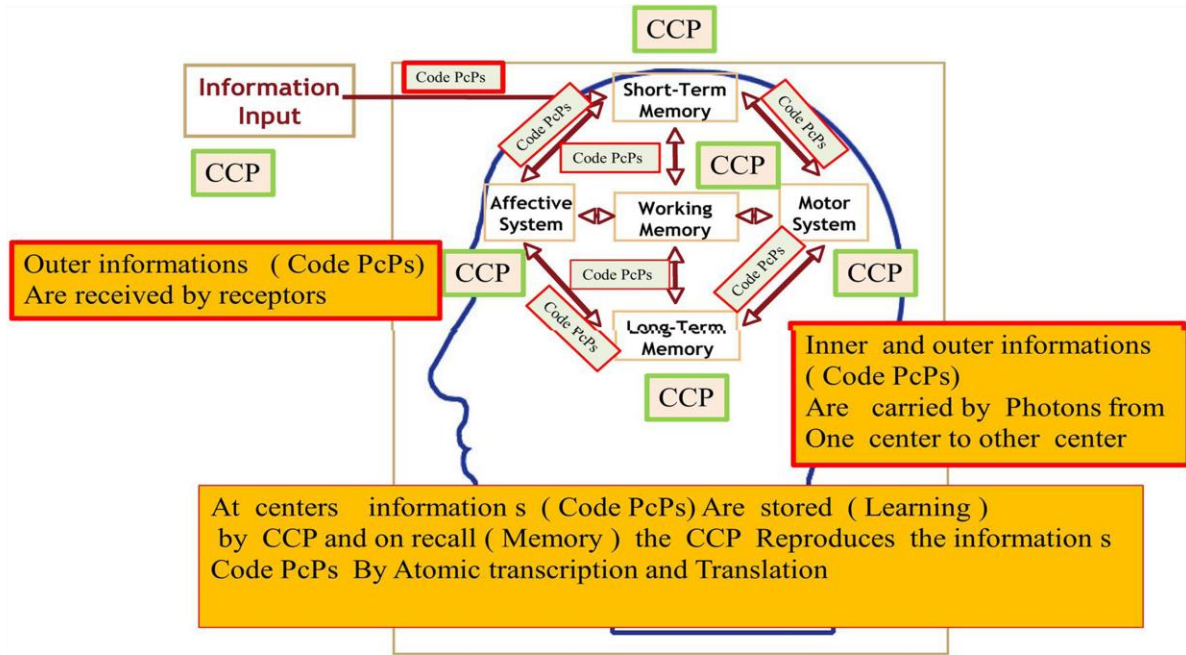


Fig 11 structural configuration of DM and DE at macro level [9]

1.10 Divine Mechanics and Brain Computation

Learning and Memory and information s (Code PcPs) Net work in Brain [10]



Divine Mechanics and Brain Computation

Fig 12 Divine Mechanics of Brain Computing System – Learning and memory

At all steps , these are B.B.Bs (B-Bit) that are responsible for information’s control and triggering . If CCP is written it means unless atomic transcription and translation occur , brain cannot have learning and memory triggering and control and it is called Divine mechanics of Biology and it is life . These are higher thought expressions of B.B.Bs . In Bits of classical computers and qubits of QC , the thought expressions are lower and different but the mechanics (DIVINE) remains the same. as shown in Fig 12

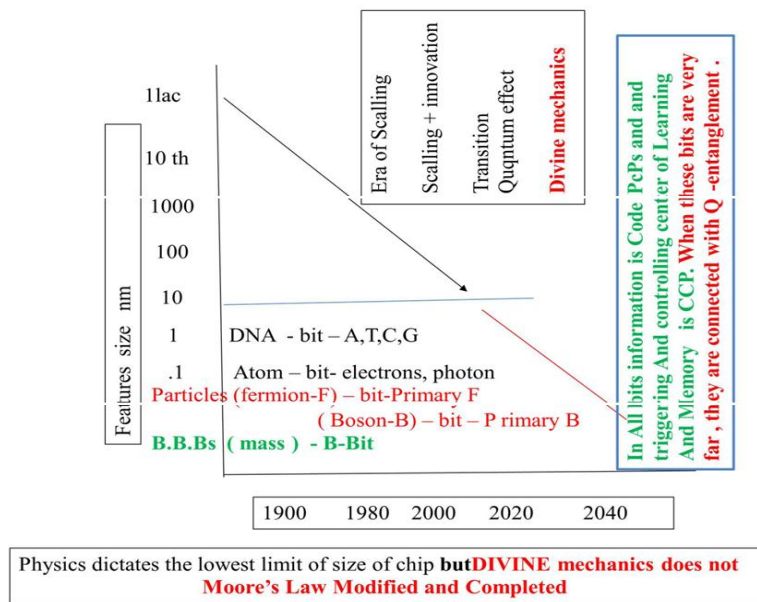


Fig 13- The Theory of Computers and Brain are same – DIVINE MECHANICS

(Structural and Functional smallest Bit (mass) is B-Bit of the universe and the Divine Mechanical Unit is CCP , Code PcPs and CP.)

DIVINE MECHANICS The Theory of Computers and Brain is SAME as shown in Fig 13

Physics dictates the lowest limits of the size of chips [11]. But divine mechanics does not. Hence the bit is a typical unit of information. ((Classical and Quantum Bit) is wrong and to describe informations by adding qubit is also illusion as in complicate system, it is the different thoughts expressions that describe informations. Informations are separate (Code PcPs) and bits (Electron of transistor) qubits (electron of diamond crystal) are separate. At DNA level the bit is nucleotide (A,T,C,G) and at Atomic level the bit is photon and electron, at particle level (secondary fermions and secondary bosons) the bit is primary fermions and primary bosons and informations are still code PcPs and at B.B.B level the bit is B.B.B (Yang mass and Yin mass - B-bit) it self and the information is carried by Code PcPs but at all level of all bit units the information storage system is CCP (Physiological arrow of Time) it never dies even after destruction of the universe. Hence informations are eternal. In computers, Bit is a structural configuration that describes informations of the system and informations are in form of Code PcPs. The working of the bit is triggered and controlled by thoughts of higher centers that form that bit. If the bit is classical (transistors of chips) the effect is different. But if the bit is qubit with entanglement the working is triggered and controlled by thoughts of higher center that form that crystal. In both the effect of describing informations would be different. One is classical (thought expressions are fixed and limited) and other one is quantum (thought expressions are changing and more wide to describe the more wide complicated system to have fast results.). In life sciences in Brain the bit is again Photon and the informations are Code PcPs and they are triggered and controlled by CCP of higher centers that is triggered by DIVINE MECHANICS.

In life sciences the CCP (cryptography) of B-bit expresses informations (Code PcPs) which were not fed like speaking Lie and unlike Bit of classical computer and qubit of QC it shows phenomenon of forgetfulness and IQ phenomenon (mental age/real age). It is Higher functions of B.B.B or B Bit and it is life. Hence there is difference in some aspect of DIVINE MECHANICS of Computers computation and Brain computation

II. Structure

2.1 Flaws in Bohr's atomic model as shown in Fig 14

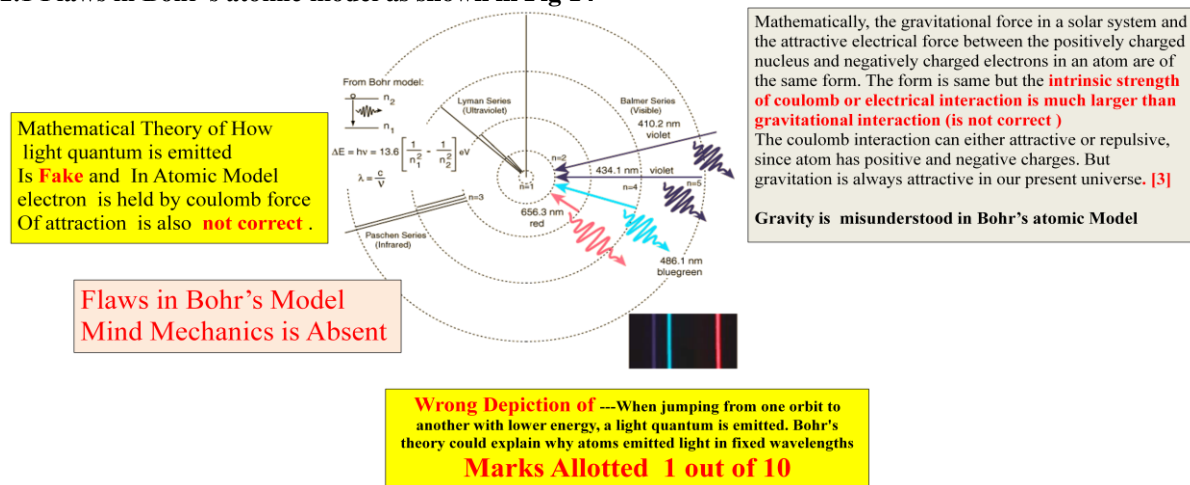


Fig 14 Flaws in Bohr's atomic model

2.2 Energized Gravitons and Hydrogen atomic structure and spectra.

Spectrum of the hydrogen atom shows that atom is stable. This stability is due to electron is being held by gravity (energized gravitons) rather than electromagnetic force. There is no shielding effect in gravity while electromagnetic force which is being mediated by photons is a exchange phenomenon or shows shielding effect. Hence electromagnetic force could not hold electrons in orbit in higher atoms of periodic table. When atom of hydrogen is excited, it emits tertiary bosons (polychromatic light) and these tertiary bosons not of continuous spectra (rather WL of emissary monochromatic photons) when passed through prism, make emissary spectrum (H α , H β , H γ , H δ) with definitive and specific spectral lines of hydrogen. Spectrum shows emission lines of excited atom of hydrogen and absorption lines (H α , H β , H γ , H δ) in place of emission lines when tertiary bosons (WL) pass through colder gaseous atmosphere of hydrogen. The Fraunhofer C, F, G', and h lines correspond to the alpha, beta, gamma and delta lines of the Balmer series of emission lines of the hydrogen atom as shown in Fig 3

Q. How does spectrum i.e. spectral lines of hydrogen atom form?

According to participatory science, Hydrogen atom has got following properties –

1. structural properties,
2. physical properties

- 3. chemical properties
- 4. spectral properties.

All these properties are triggered by different thoughts or atomic transcriptions. With the result there is formation of messages of code PCPs of different properties that move from higher center in the nucleus of hydrogen to electron of hydrogen atom. Having received the messages by second transcription, the electron of hydrogen atom gives its above mentioned properties with the result we observe above mentioned effects and we say that this atom is hydrogen atom. The same is true for other elements of the periodic table. When hydrogen atom is excited its electron emits not a continuous spectrum or white light rather it emits emissary monochromatic photons. When passed through prism gives emissary spectrum (H α , H β , H γ , H δ) of hydrogen atom. Emission Lines (H α , H β , H γ , H δ) and absorption lines (H α , H β , H γ , H δ) of hydrogen atom with reference to continuous spectrum as shown in Fig 15 and Fig 16.

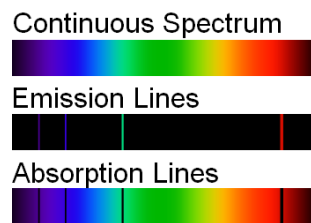


Fig 15 spectrum of hydrogen with respect to continuous spectrum

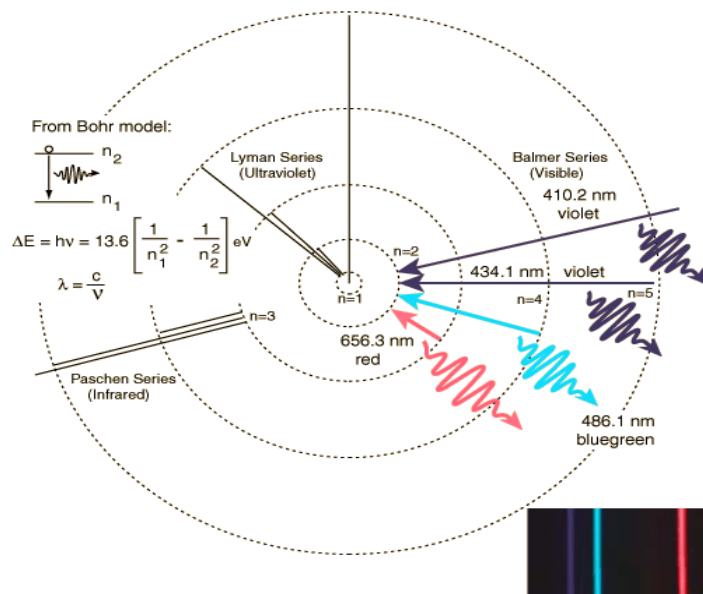


Fig 16 blamer series and other series of hydrogen atom

The Fraunhofer C, F, G', and h lines correspond to the alpha, beta, gamma and delta lines of the Balmer series as shown in Fig 16 of emission lines of the hydrogen atom.

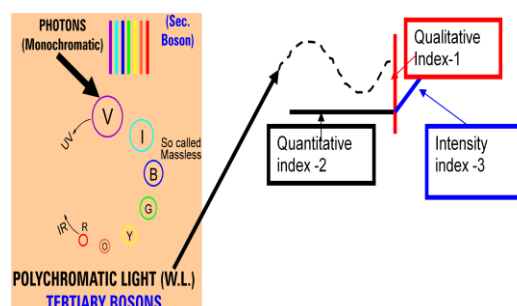


Fig 17 Reference spectrum formation see dotted line – number of dots per unit length - one dot is one WLP – on earth

The monochromatic photons are called emissary photons that form emission lines ($H\alpha$, $H\beta$, $H\gamma$, $H\delta$) of hydrogen atoms (Balmer series) which are specific to hydrogen atom. And when this WL pass (continuous spectrum) through colder gaseous atmosphere, then there is drop of monochromatic photons ($H\alpha$, $H\beta$, $H\gamma$, $H\delta$) in polychromatic light or they get absorbed by that hydrogen gas, with the result we observe absorption lines or Fraunhofer lines ($H\alpha$, $H\beta$, $H\gamma$, $H\delta$) of that hydrogen atom which are specific to it. Each WL forms qualitative index (first) of the spectrum. It never changes as shown in Fig 17. The WLPs per unit length forms the quantitative index (second) of the spectrum and it is normal on earth. But in gravitational red shift effect or Doppler's red shift, the WL per unit length gets reduced, thus quantitative index is reduced or lowered and thus spectrum of hydrogen is shifted towards red end. There is rearrangement (merging and transmutation- oscillation) of all monochromatic photons towards red end by atomic transcription when they pass through prism. Thus absorption lines are also shifted towards red end as shown in Fig 18.

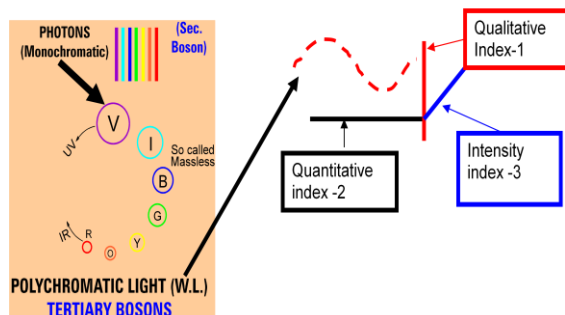


Fig 18 Red shift spectrum formation dotted line number of dots per unit length is reduced

While in Doppler's blue shift, number of WL per unit length get increased with the result quantitative index is enhanced and we get increased WL per unit length and finally we get spectrum of hydrogen shifted towards blue end. There is rearrangement of all monochromatic photons towards blue end by atomic transcription when they pass through prism. Thus absorption lines are also shifted towards blue end as shown in Fig 19.

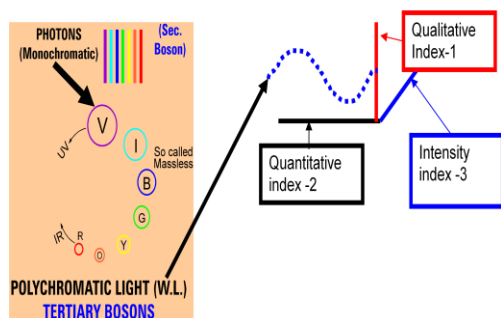


Fig 19 blue shift spectrum formation – number of dots per unit length is increased

The third index is intensity index (third) and when this index is increased, intensity of the spectrum is enhanced. It is controlled by slit. (figure 17). Electron of the hydrogen atom is being held by a string of energized gravitons emitted from central single proton. It is this string of energized gravitons that holds single electron. Thus making it to revolve around single proton. It is just like person rotating ball around him with a single string. In periodic table as number of electrons increases in the atom, number of protons also increases in same number. Hence number of strings of energized gravitons also increases to hold those electrons in orbits. Graph of ionization potential will tell us the orbits in which these electrons are revolving. I.P. is the energy in eV that is being used to remove outer electrons against force of gravity as well as force of electromagnetism produced by positively charged nucleus. The electron in hydrogen atom revolve in circular orbit not in elliptical orbit and this energy level is called ground state and I.P. (IONIZATION POTENTIAL) -13.59eV ($n=1$) is required to remove electron from this energy level. When hydrogen atom is excited, the circular orbit gets enlarged (inter orbital shift comes into play) and electron is then shifted to other energy levels called excited energy levels and I.P. to remove electron from this state is -3.4eV ($n=2$), -1.511eV ($n=3$), -0.850eV ($n=4$), -0.544eV ($n=5$) respectively. During excited state, the electron of hydrogen atom also emits radiations in form of WL. These WL (tertiary photons) when pass through spectrum shows series of spectral lines (emissary lines or qualitative index) that are specific of hydrogen atom. The spectral properties as well as emission of WL is

triggered by thoughts . (conditioned stimulation of CCP). So , it is wrong to say that when electron jumps from excited energy level to lower energy levels , it emits radiations and thus spectral series of hydrogen atom (Lyman, Balmer, Paschen, Brackett, Pfund series) are formed. The series are formed by single atom rather than groups of atoms. as shown in Fig 16

2.3 Modified theory of atomic structure as Niels Bohr's theory has limitations in explaining different series of hydrogen spectra.

New assumptions of structure of hydrogen atom. – Divine Modified Niels Bohr 's Theory (**Divine MONB**)

1. Hydrogen atom is like a miniature solar system with the negatively charged electron moving in circular orbit around positively charged nucleus having positively charged particle proton. In this circular orbit or stationary orbits , electron is being held by single string of energized gravitons . This energy level is called ground state.
2. When Hydrogen atom is excited, the electron moves from ground state to excited state energy levels making a bigger circular orbit and having reached in this new energy levels , it also emits radiations . Hence absorption and emission of energy quanta occur simultaneously. Shifting is understood in inter orbital shift phenomenon.
3. When excitation is over, the electron once again come back to ground state energy level . All above mentioned events are triggered by different thoughts or atomic transcriptions from the nucleus or proton in case of hydrogen atom.
4. These atomic transcriptions are being triggered by conditioned stimulation of CCP by the message system made up of photons (second transcription or –ve charged photons or afferent path) coming from electron to proton and further they are transmitted by photons (second transcription made up of +ve charged photons, or efferent path) to electron. Having received the messages , electron works accordingly. Unless the thought is expressed, nature cannot work . as shown in Fig 21
5. When electron is in ground state, its interaction with energized graviton and electromagnetic photon is more hence IP -13.59ev (n=1) is required to remove electron from this energy level. During excited stage the interaction is different hence I.P. to remove electron from this state is -3.4ev (n=2), -1.511ev (n=3), -0.850ev (n=4) , -0.544ev (n=5) respectively. It is the changing thought of interaction with energized graviton and electromagnetic photons that gives changing effect .
6. Electronic configuration of higher atoms could be known by studying I.P. curve as shown in Fig 28. Working of hydrogen atom as shown in Fig 21 .

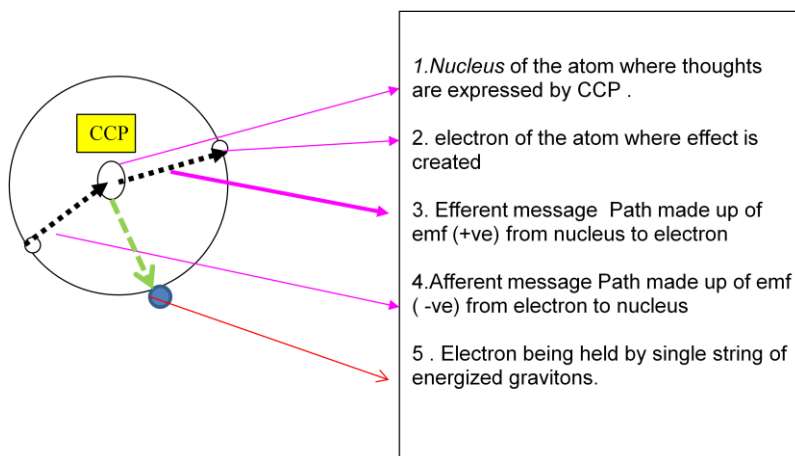


Fig 21 working of hydrogen atom – Divine MONB Theory

2.4.Theory of inter orbital shift



Fig 22 Dying Binary stars one is Red Giant and other one is neutron star

This phenomenon is seen in dying binary stars where one is red giant and other one is massive black body orbiting in each other gravity field as shown in Fig 22 , The phenomenon of inter orbital shift triggers. With the result thought of centripetal force enhancement is expressed and centripetal force gets enhanced . With the result matter of red giant changes its orbit and the energy supplied in this phenomenon is from energized gravitons of black massive body . No sooner it reaches event horizon , the thought of centrifugal force enhancement gets triggered. With the result centrifugal force gets enhanced and it throws the orbiting matter in inter settler space with velocity of light in both directions. The energy again is supplied by energized gravitons . Hence gravity under these circumstances work as both ways . (It is called Quantum gravity) . This is the phenomenon of inter orbital shift of red giant star. The matter (charged particles) of red giant orbiting in spiral way (changing orbit) , before it falls in black massive body , it gets ejected out with velocity of light by centrifugal force. All effects are triggered by separate thoughts . All are unconditioned thoughts . Red , yellow and blue means temperature of orbiting and ejecting matter. There are many thoughts that trigger this phenomenon step by step. The entire phenomenon is under inter-orbital shift theory .Falling matter is coming from one orbit or rather changing orbit and it is going to other orbit rather out of orbit . It is the massive black body that triggers this phenomenon of inter orbital shift. It send messages to red giant via first transcription as shown in Fig 5 . Higher center of red giant having received the message , it enhances centripetal force and with result matter start changing its orbit. Having reached the event horizon , Red giant again receive new message from black massive body via first transcription . This new message of inter orbital shift triggers enhancement of centrifugal force and suppression of centripetal force . With the result the matter is shifted to other outer orbits or rather in interstellar space by centrifugal force . The ejecting matter is made up of charged particles . Few particles to be ejected out in one direction and other to be ejected out in other direction . This direction is decided by the thought of charged particles . If +ve chared charged particles decide to move in one direction then -ve charged particles would decide to be ejected out in other direction. It is just like Fleming's left as shown in Fig 23 and Fleming right hand rule as shown in Fig 24 . These rules are made by thoughts. Orbiting matter and electrical field generation are perpendicular to each other , then the ejecting matter would be perpendicular to electrical field . For +ve charged particles Fleming's left hand rule and for -ve charged particles it is feming's right hand rule as shown in Figure below.

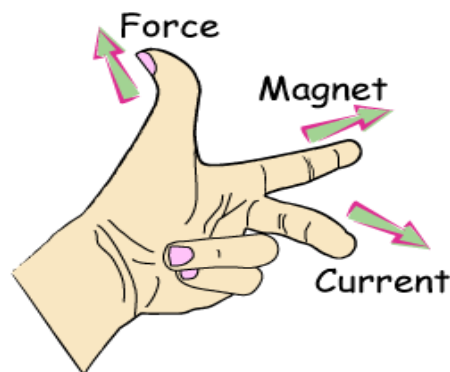


Fig 23 Fleming's left hand rule

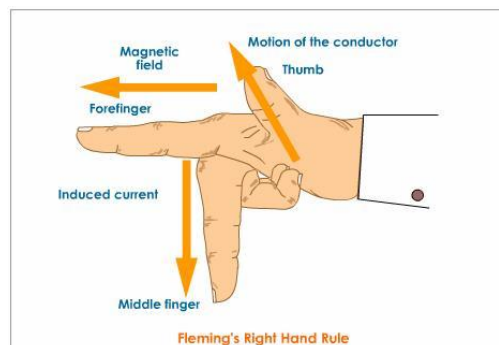
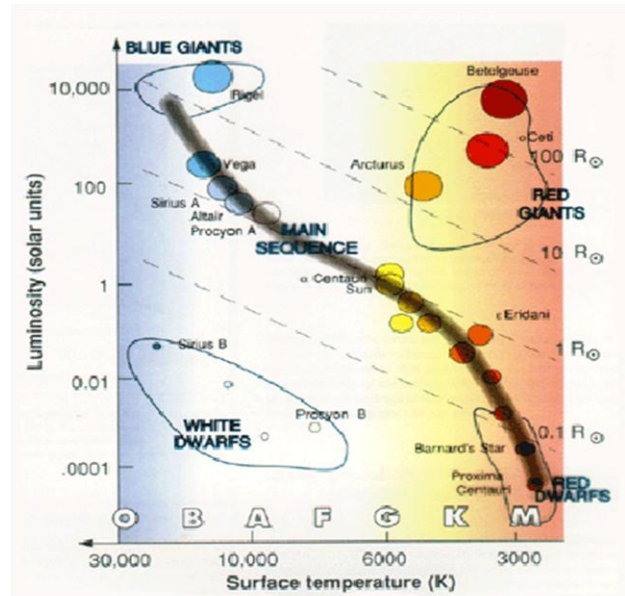
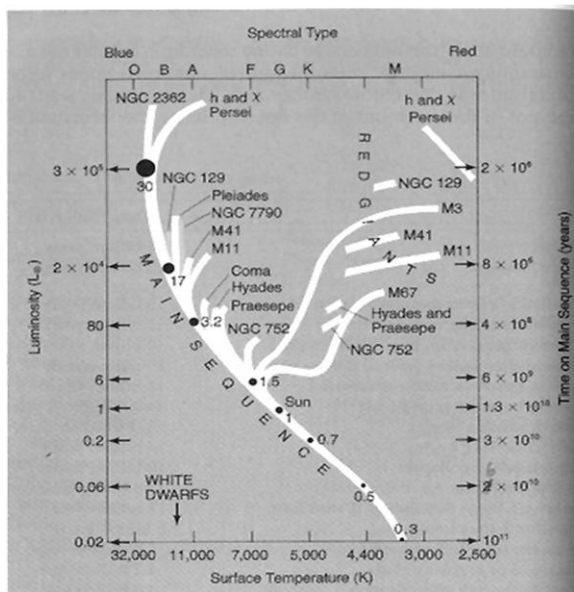


Fig 24 Fleming's right hand rule

All effects are triggered by separate thoughts . All are unconditioned thoughts . Red , yellow and blue means temperature of orbiting and ejecting matter . There is one more activity going on simultaneously and that is reverse H-R activity as shown in Fig 25.



H-R Diagram

Fig 25 H-R Diagram

Both star classification and evolution can be summarized in a graph like chart that consists of a plot of luminosity (vertical axis) versus star surface temperature which is expressed also by (correlated with) the star's visual color (note also the Spectral Type designations at the top). This is known as the Hertzsprung-Russell (H-R) Diagram. Temperature ranges (in °K) are: O class = greater than 30000; B = 11000 - 30000; A = 7500 - 11000; F = 6000 - 7500; G = 5000 - 6000; K = 3500 - 5000; M = less than 2500. Colorwise, the first three are all "blue-white" stars, F is bluish to white; G is white to yellow; K is yellow orange; and M is red.

Reverse H-R Activity as shown in Fig 8. The dying star while changing its orbit, it changes its color. It does mean that the temperature of the falling matter is increasing with reverse H-R activity i.e. it also starts emitting rays starting from red giant to blue star. Hence reverse evolution is also taking place not in star form but in dying stages of star. The energy supplied (for temperature rise) for reverse H-R activity comes from energized gravitons . But changing radiations (from red to blue i.e from infra red to ultra violet or spectral type) are triggered by changing thoughts of reverse evolution. In star evolution , color change means energy supply is being reducing (from blue to red) and also simultaneously radiations maxima are shifting from ultra violet to infrared. (spectral type). While in reverse H-R activity of dying star , the whole process gets reversed i.e. energy supply gets enhanced and reverse thought got expressed to get reverse H-R activity i.e. radiation maxima shifts from red to blue type.

2.5 Energised gravitons and inter orbital shift of electron , comet as shown in Fig 26 and asteroids.. To understand inter orbital shift we have to understand three things -one is how does nature work and unconditioned thought expressions of basic building blocks and message system of the universe as shown in Fig 5, Fig 6 and Fig 7 and finally gravity phenomenon. Objects (electrons , comets, asteroids) are set in orbit by energized gravitons interacting with them. Centripetal force that pulls them towards center, or centrifugal force that pushes them apart from center are being maintained in balance to keep objects in orbit by CCP of the objects (M2) that canalizes the input energy supplied by energized gravitons (M1). For electrons to shift from outer to inner , it is centripetal force that pulls it to inner orbit gets enhanced and if electron moves from inner to outer orbit , it is centrifugal force that pushes it to outer orbit gets enhanced . While going from outer to inner orbit , the energy is consumed from energized gravitons or while going from inner to outer orbit , the energy is supplied from again by energized gravitons. This all had happened while atoms were forming by unconditioned working of thought expressions. And during transmutation phenomenon of atoms i.e. during nuclear fission and nuclear fusion. So it is wrong to say that when electron jumps from outer to inner orbit it releases energy and when it moves from inner to outer orbit it takes energy in form of $h\nu$. (assumptions of Niels Bohr atomic model) .The balance of centripetal and centrifugal forces is controlled by nucleus of the atom by thought . Unless thought is expressed by nucleus of atom, electrons cannot shift from the well defined stationary orbit.

The message is sent through second transcription (+ve efferent path) from nucleus of atom to electron concerned that would be shifted from orbit. Same is true for comets (Comets have a wide range of orbital periods, ranging from a few years to hundreds of thousands of years. Short-period comets originate in the Kuiper belt, or its associated scattered disc,^[1] which lie beyond the orbit of Neptune. Longer-period comets are thought to originate in the Oort cloud, a hypothesized spherical cloud of icy bodies in the outer Solar System) and asteroids (Many asteroids orbit the Sun. Most are located in an area between the orbits of Mars and Jupiter known as the asteroid belt) while rotating around sun ,they leave their set orbit only when sun triggers the thought of change of orbit . With the result centripetal force generating in comet or asteroid gets enhanced. Hence comet and asteroid leave their home and they start journey towards sun under gravitational field in a new orbit where they could be seen rotating . This journey is trigged by TIME mindness as time for journey for different comets and asteroid are different. As all are fed thoughts and feeding was done by highest center of the universe during precreation era. The energy supplied during journey is from energized gravitons interacting comets and asteroids.

Sun is the head of solar system family. It is by its order the comets and asteroids get into shifted to different orbits. The message is sent by First transcription to CCP (higher center) of comet or asteroid that would be taken into consideration to make journey round sun.



Fig 26 comet changing its orbit

2.6 Atomicgenetics and Electronic configuration and Pauli's Exclusive principle.

The **Pauli exclusion principle** is the quantum mechanical principle that states that two identical fermions (particles with half-integer spin) cannot occupy the same quantum state simultaneously. In the case of electrons, it can be stated as follows: it is impossible for two electrons of a poly-electron atom to have the same values of the four quantum numbers: n , the principal quantum number, ℓ , the angular momentum quantum number, m_ℓ , the magnetic quantum number, and m_s , the spin quantum number. For two electrons residing in the same orbital, n , ℓ , and m_ℓ are the same, so m_s , the spin, must be different, and thus the electrons have opposite half-integer spins, $1/2$ and $-1/2$. This principle was formulated by Austrian physicist Wolfgang Pauli in 1925.

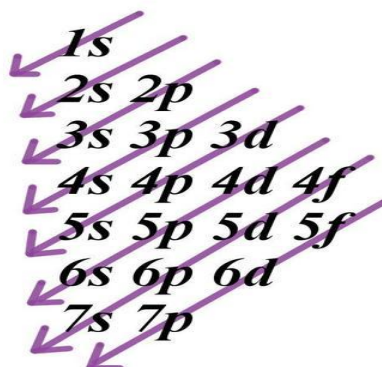


Figure 27 common electronic configuration Wrong Depiction Of Electronic Configuration

Pauli Exclusion Principle

The Pauli Exclusion Principle states that, in an atom or molecule, no two electrons can have the **same four** electronic quantum numbers.

- As an orbital can contain a maximum of only two electrons, the two electrons must have opposing spins.
- This means if one is assigned an up-spin (+1/2), the other must be down-spin (-1/2).
- Electrons in the same orbital have the same first three quantum numbers, e.g., $n=1, l=0, m_l=0$ for the 1s subshell. Only two electrons can have these numbers, so that their **spin moments** must be either $m_s=-1/2$ or $m_s=+1/2$.
- If the 1s orbital contains only one electron, we have one m_s value and the electron configuration is written as $1s^1$ (corresponding to hydrogen). If it is fully occupied, we have two m_s values, and the electron configuration is $1s^2$ (corresponding to helium). Visually these two cases can be represented as

1s Orbital

↑	↑↓
H	He

As you can see, the 1s subshell can hold only two electrons and when filled the electrons have opposite spins.

Pauli Principle An Illusion

- There are two types of particles in nature
 - Fermions have an anti-symmetric wave function
 - Bosons have a symmetric wave function
- electrons are fermions => no two electrons can be in the same quantum state
- this principle explains the periodic table, properties of metals, and the stability of stars
- electrons repel but not because they are charged!

Classification is due to their composition of B.B.Bs . Fermions are Made up of Yangs + Yins. Bosons are made up of only Yins

Fermions have half integer Spin which is triggered by thought of half integer

Bosons have integer Spin which is triggered by thought of integer

It is the thought that designs their Quantum state rather Than Pauli exclusive principle . It is confirmed by studying ionization potential curve

It is the thought that designs periodic table , properties of metals And stability of stars rather Than Pauli exclusive principle .

It is the law made by thought that causes charged electrons to repel rather Than Pauli exclusive principle .

It is the Divine Mechanics that design the Quantum state of Electrons In Atoms rather than Pauli's Exclusive Principle

Fig 27.1 It the Divine Mechanics that designs Quantum State of electrons in Atom .

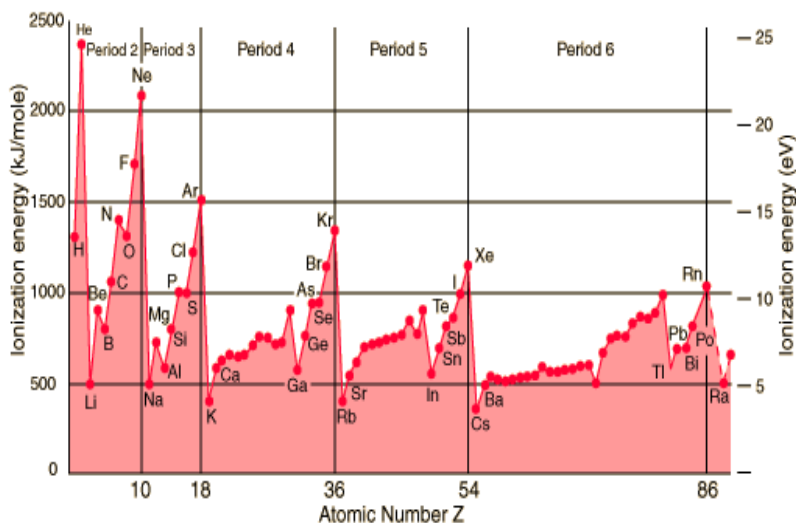


Fig 28 Ionization Potential Curve

First Ionization Potential

	IA		VIII
1	1 H 13.598		2 He 24.587
2	3 Li 5.392	4 Be 9.323	10 Ne 21.565
3	11 Na 5.139	12 Mg 7.646	18 Ar 15.760
4	19 K 4.341	20 Ca 6.113	36 Kr 14.000
5	37 Rb 4.117	38 Sr 5.695	54 Xe 12.130
6	55 Cs 3.894	56 Ba 5.212	86 Rn 10.749
7	87 Fr 5.279	88 Ra 5.17	
	21 Sc	22 Ti	23 V
	24 Cr	25 Mn	26 Fe
	27 Co	28 Ni	29 Cu
	30 Zn	31 Ga	32 Ge
	33 As	34 Se	35 Br
	36 Kr	37 Rb	38 Sr
	39 Y	40 Zr	41 Nb
	42 Mo	43 Tc	44 Ru
	45 Rh	46 Pd	47 Ag
	48 Cd	49 In	50 Sn
	51 Sb	52 Te	53 I
	54 Xe	55 Cs	56 Ba
	57 La	58 Ce	59 Pr
	60 Nd	61 Pm	62 Sm
	63 Eu	64 Gd	65 Tb
	66 Dy	67 Ho	68 Er
	69 Tm	70 Yb	71 Lu
	72 Hf	73 Ta	74 W
	75 Re	76 Os	77 Ir
	78 Pt	79 Au	80 Hg
	81 Tl	82 Pb	83 Bi
	84 Po	85 At	86 Rn
	87 Fr	88 Ra	89 Ac
	90 Th	91 Pa	92 U
	93 Np	94 Pu	95 Am
	96 Cm	97 Bk	98 Cf
	99 Es	100 Fm	101 Md
	102 No	103 Lr	104 Rf
	105 Db	106 Sg	107 Bh
	108 Hs	109 Mt	110 Uun
	111 Uuu	112 Uub	

Fig 29 First Ionization Potential This observation will help us to investigate electronic configuration of atoms and holding of electrons in orbit by energized gravitons strings.

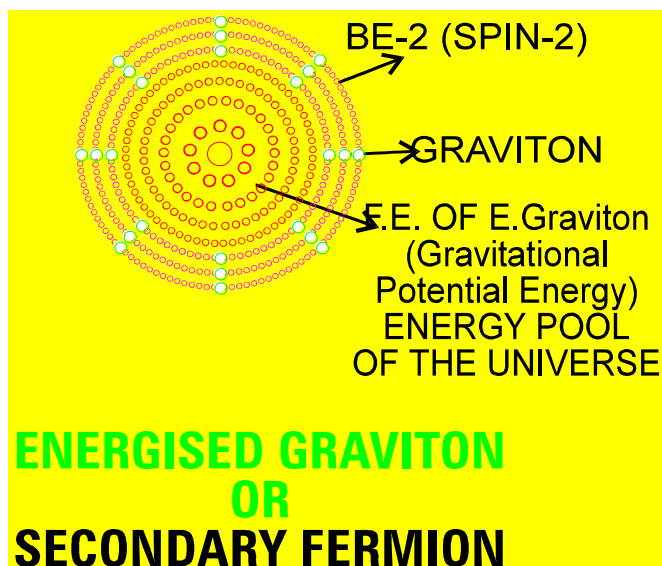
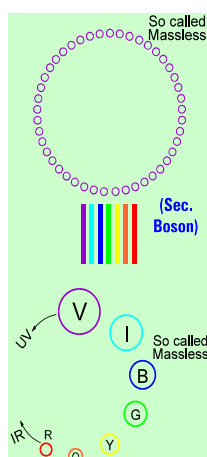


Fig 30 structure of energized graviton

PHOTONS (Monochromatic)



POLYCHROMATIC LIGHT (W.L.) TERTIARY BOSONS

Fig 31 structure of polychromatic light and monochromatic photon or secondary boson

Table 1 Electronic Configuration By I.P. Study

Z	Element	IP, ev	Main Shell	Max Electron in main shell	sub shells	Conducting Zone, number of electrons	Zone,
1	H	13.595	K	1 to 2	1	1 to 2	
2	He	24.580	K				
3	Li	5.390	L	1 to 8	3	1 to 2	
4	Be	9.320	L				
5	B	8.396	L			1 to 3	
6	C	11.264	L				
7	N	14.54	L				
8	O	13.614	L			1 to 3	
9	F	17.418	L				
10	Ne	21.559	L				
11	Na	5.138	M	1 TO 8	3	1 TO 2	
12	Mg	7.644	M				
13	Al	5.984	M			1 TO 3	
14	Si	8.149	M				

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15	P	10.55	M				
16	Si	10.357	M			1 TO 3	
17	Cl	13.01	M				
18	Ar	15.755	M				
19	K	4.339	N	1 TO 18	6	1 TO 4	
20	Ca	6.111	N				
21	Sc	6.56	N				
22	Ti	6.83	N				
23	V	6.74	N			1 TO 4	
24	Cr	6.764	N				
25	Mn	7.482	N				
26	Fe	7.90	N				
27	Co	7.86	N			1	
28	Ni	7.633	N			1 To 3	
29	Cu	7.724	N				
30	Zn	9.391	N				
31	Ga	6.00	N			1 TO 3	
32	Ge	7.88	N				
33	As	9.81	N				
34	Se	9.75	N			1 TO 3	
35	Br	11.84	N				
36	Kr	13.996	N				
37	Rb	4.176	O	1 TO 18	3	1 TO10	
38	Sr	5.692	O				
39	Y	6.377	O				
40	Zr	6.835	O				
41	Nb	6.881	O				
42	Mo	7.131	O				
43	Te	7.23	O				
44	Ru	7.365	O				
45	Rh	7.461	O				
46	Pd	8.33	O				
47	Ag	7.574	O			1 TO 2	
48	Cd	8.991	O				
49	In	5.785	O			1 TO 6	
50	Sn	7.332	O				
51	Sb	8.639	O				
52	Te	9.01	O				
53	In	10.44	O				
54	Xe	12.127	O				
55	Cs	3.893	P	1 to 26	9	1 to 3	
56	Ba	5.210	P				
57	La	5.61	P				
58	Ce	5.540	P			1	
59	Pr	5.460	P			1 to 2	
60	Nd	6.3	P				
61	Pm	5.534	P			1 to 4	
62	Sm	5.6	P				
63	Eu	5.67	P				
64	Gd	6.16	P				
65	Tb	5.860	P			1 to 6	
66	Dy	5.940	P				
67	Ho	6.018	P				
68	Er	6.101	P				
69	Tm	6.184	P				
70	Yb	6.22	P				
71	Lu	6.15	P			1	
72	Hf	5.5	P			1 to 3	
73	Ta	7.7	P				
74	W	7.98	P				
75	Re	7.87	P			1 to 3	
76	Os	8.7	P				
77	Ir	9.2	P				
78	Pt	9.0	P			1 to 3	
79	Au	9.22	P				
80	Hg	10.434	P				
81	Tl	6.106	Q	1 TO 6	2	1 TO 2	
82	Pb	7.415	Q				
83	Bi	7.287	Q			1 TO 4	
84	Po	8.43	Q				

85	At	-	Q				
86	Rn	10.745	Q				
87	Fr	-	R	1 TO 5	3	1 TO 2	
88	Ra	5.277	R				
89	Ac	5.170	R			1 TO 2	
90	Th	6.080	R				
91	Pa	5.890	R			1	
92	U	6.050	S	1 TO 7	3	1 TO 2	
93	Np	6.190	S				
94	Pu	6.060	S			1	
95	Am	5.993	S			1 TO 4	
96	Cm	6.020	S				
97	Bk	6.230	S				
98	Cf	6.300	S				

I have studied the Ionization potential curve . Pl see excel above .

1. There are nine main shell and these are K,L,M,N,O,P,Q,R and S
2. Maximum number of electrons in each Main shell are 2,8,8,18 ,18,26,6,5 and 7 respectively.
3. There are THIRTY THREE sub shells and their distribution in main shells are 1,3,3,6,3,9,2,3,and 3 respectively.
4. Maximum number of electrons in each sub shell are 2 , 2,3,3, 2,3,3, 4,4,1,3,3,3, 10,2,6, 3,1,2,4,6,1,3,3,3, 2,4, 2,2,1, 2,1,4 respectively.
5. The major drop in I.P. curve indicates that nature has changed new major orbit and it corresponds to main shells of the electronic configuration of atoms.
6. In between the Major drops , there exists small drops in I.P. curve , it indicates change of new orbit and it corresponds to sub shells of electronic configuration of atoms.
7. The curve is designed by thought . Hence Thought designs the addresses of the electrons .

One to maximum number of electrons in outer most orbit of all atoms is forming CONDUCTING ZONE . They help in conducting the messages from one atom to another during their natural form. When elements interact with other elements , the conducting zone is transformed in to VALENCE ZONE by adding of the electrons from the lower orbits or by removing the electrons from conducting zone and shifting them to lower orbits by phenomenon of inter orbital shift . Thus valence zone appear in the nature . The transformation of conducting zone into valence zone is due to conditioned thought stimulation of CCP. It is the thought of interacting elements that decide what would be the valiancy of elements during chemical interaction. Whether it is electro negativity or electro positivity. (for inorganic elements)

For example

Iron in natural form has 4 electrons in its conducting zone . Now interacting with sulphate ($\text{Fe}_2 \text{SO}_4$) ion , it shifts 2 electrons to lower orbit and becomes ferrous and while interacting with chloride (FeCl_3) , it shifts one electron to lower orbit and becomes ferric. Thus ferrous and ferric valence zones appear in nature by thought .

III. Conclusions

1. Number of Main shells and sub shells as well as distribution of electrons by Participatory science is different from that of Modern physics . But formation of VALANCE ZONE and their electrons is same as that of modern science But here the thought is responsible for transformation of conducting zone into valence zone at the time of interaction.
2. The inner configuration of electrons also varies as it does not follow PAULI EXCLUSIVE PRINCIPLE (A maximum of 2 electrons can be placed in each orbit \rightarrow Pauli Exclusion Principle rather they follow thought (unconditioned thought expressions) principle that too of highest center of the universe. As all thoughts are fed thoughts and feeding was done in pre creation era by the highest center of the universe.
3. Main shells have same nomenclature (K,L,M,N,O,P,Q,R and S) but sub shells have no nomenclature like s,p,d,f . Hence to know the entire electronic configuration one has to start from H and keep on making and making electronic configuration till one completes the entire periodic table in the light of I.P. just like making of solar system .(configuration of planets , satellites , asteroids etc.)

To answer how laws of physics are made is now easy due to the research of fundamental particles i.e. B.B.Bs and Atomic Genetics. Mathematics alone is unable to explore the reality behind any classical and quantum phenomena. Participatory science is ultimate science to know about any phenomenon of the universe. Without this science, transparency in explaining any phenomenon is absent

Conclusion

Niels Bohr applies quantum Rutherford's atomic structure and assuming that the electrons travel in stationary orbits defined by their angular momentum. He did not tell that it is energized gravitons that hold electrons in stationary orbits rather than electromagnetic force. The working of atom is triggered and controlled by CCP (divine mechanics) of atom present in side nucleus and messages used to go and come from electrons via second transcription made up of positive and negative electrical forces or photons connecting electron and nucleus. While orbiting in stationary orbit (ground state) electrons do not emit radiations as mind of radiations is not triggered. When Hydrogen atom is excited, the electron moves from ground state to excited state energy levels making a bigger circular orbit and having reached in this new energy levels, it also emits radiations. Hence absorption and emission of energy quanta occur simultaneously. Shifting of electron from ground state to excited state energy level is understood in inter orbital shift phenomenon. When excitation is over, the electron once again come back to ground state energy level. All above mentioned events are triggered by different thoughts or atomic transcriptions from the nucleus or proton in case of hydrogen atom. All series of hydrogen atom are formed by single atom rather than groups of excited atoms. Fixed number of different wave lengths that form hydrogen spectrum series is emitted by single excited electron with out jumping from higher energy state to lower energy state. It is the (first) ionization potential curve that decides addresses of electrons in different atoms rather than Pauli's exclusive principles. It is the Divine Mechanics that design the Quantum state of Electrons in Atoms. The inner configuration of electrons also varies as it does not follow PAULI EXCLUSIVE PRINCIPLE (A maximum of 2 electrons can be placed in each orbit → Pauli Exclusion Principle) rather they follow thought (unconditioned thought expressions) principle that too of highest center of the universe. As all thoughts are fed thoughts and feeding was done in pre creation era by the highest center of the universe. Number of Main shells and sub shells as well as distribution of electrons by Participatory science is different from that of Modern physics. But formation of VALANCE ZONE and their electrons is same as that of modern science But here the thought is responsible for transformation of conducting zone into valence zone at the time of interaction. Main shells have same nomenclature (K,L,M,N,O,P,Q,R and S) but sub shells have no nomenclature like s,p,d,f. Hence to know the entire electronic configuration one has to start from H and keep on making and making electronic configuration till one completes the entire periodic table in the light of first I.P. just like making of solar system.(configuration of planets, satellites, asteroids etc.)

References

- [1] http://www.nobelprize.org/nobel_prizes/physics/laureates/1922/bohr-facts.html
- [2] V M Das *International journal of innovative research and development* **Volume 3 Issue 8** p 194- 210 (2014)
- [3] V M Das *International Journal of Sciences: Basic and Applied Research (IJSBAR)* **Volume 17, No 1**, p 292-324 (2014)
- [4] V M Das *International Journal of Sciences: Basic and Applied Research*, **Volume 17, No 1**, p 148-185 (2014)
- [5] V M Das *International Journal of Sciences: Basic and Applied Research* **Volume 16, No 2**, p 274-309 (2014)
- [6] W S Harris *JAMA Arch Intern Med.* **Volume 159, N019**, Oct-25 p 2273-2278 (1999)
- [7] V M Das *International Journal of Sciences: Basic and Applied Research* **volume 16, number 1**, p 311-338 (2014)
- [8] V M Das *Social and basic sciences and research review* **Volume 2**, Issue 4 p 197-255 (2014)
- [9] V.M.Das *Asian Journal of Science and Technology* **Vol.06 Issue 12**, pp.2075-2099 (2015)
- [10] V.M.Das *INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH* **Volume 4 Issue 5** pp 795-804 (2015)
- [11] <https://www.youtube.com/watch?v=Fb3gn5GsvRk>

STUART R. HAMEROFF, MD

Director, Center for Consciousness Studies Professor Emeritus Department of Anesthesiology, College of Medicine, University of Arizona and Department of Psychology Banner – University Medical Center Tucson
Quantum Consciousness Theorist & Researcher hameroff@u.arizona.edu